

CASE

NUMBER:

99-017

INDEX FOR CASE: 99-017
NEXTEL WEST CORPORATION
Construct
CELL SITE - US HWY 25 - LAUREL COUNTY - LIVINGSTON

IN THE MATTER OF CROWN COMMUNICATIONS INC. AND NEXTEL WEST
CORP. FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE
AND NECESSITY TO CONSTRUCT A WIRELESS COMMUNICATIONS
FACILITY OFF OF US HWY 25
IN THE TRUNKED CMRS/ESMR LICENSE AREA
IN THE COUNTY OF LAUREL
SITE NAME: LIVINGSTON

SEQ NBR	ENTRY DATE	REMARKS
0001	01/25/99	Application.
0002	01/26/99	Acknowledgement letter.
0003	02/04/99	Def. letter, info due 2/19
M0001	02/08/99	AARON JOHNSON CROWN COMMUNICATIONS-RESPONSE TO FILING DEF
M0002	02/24/99	AL FRITSCH ASPI-CONCERN TO LOCATION OF TOWER
0004	03/02/99	Interest and Concern response to Al Fritsch
0005	03/04/99	Def. cured letter
M0003	03/05/99	DAVID PIKE PIKE LEGAL GROUP-FEDERAL AVIATION & KY AIRPORT ZONING APPROVALS
M0004	03/12/99	CROWN COMMUNICATIONS DAVID PIKE-MOTION TO SUBMIT FOR EXPEDITED DECISION WITHOUT PUBLIC HEA
0006	04/19/99	FINAL ORDER GRANTING CONSTRUCTION



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 99-017
NEXTEL WEST CORPORATION

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on April 19, 1999.

Parties of Record:

John Binkley
General Manager
Crown Communications, Inc.
11001 Bluegrass Parkway
Suite 330
Louisville, KY. 40299

Honorable William C. Gullett
Counsel for Nextel West Corporation
Brown, Todd & Heyburn PLLC
Suite 650
50 East River Center Boulevard
Covington, KY. 41001 1508

Honorable David A. Pike
Counsel for Crown Communications
Pike Legal Group
P. O. Box 369
Shepherdsville, KY. 40165 0369

Stephan Bell

Secretary of the Commission

SB/sa
Enclosure

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.)
AND NEXTEL WEST CORP. FOR ISSUANCE OF A)
CERTIFICATE OF PUBLIC CONVENIENCE AND)
NECESSITY TO CONSTRUCT A WIRELESS)
COMMUNICATIONS FACILITY OFF US HWY 25 IN)
THE TRUNKED CMRS/ESMR LICENSE AREA IN)
THE COMMONWEALTH OF KENTUCKY IN THE)
COUNTY OF LAUREL)
SITE NAME: LIVINGSTON)
SITE NUMBER: 310KY)

CASE NO. 99-017

O R D E R

On February 8, 1999, Crown Communication Inc. ("Crown") and Nextel West Corp. ("Nextel") (collectively, the "Applicants") filed an application seeking a Certificate of Public Convenience and Necessity to construct and operate a wireless telecommunications facility. The proposed facility consists of a self-supporting antenna tower not to exceed 325 feet in height, with attached antennas, to be located off US Highway 25, East Bernstadt, Laurel County, Kentucky. The coordinates for the proposed facility are North Latitude 37° 14' 13.91" by West Longitude 84° 13' 43.83". Nextel has indicated its intent to locate wireless facilities on the proposed structure and has demonstrated the need for a facility at this site.

Crown has provided information regarding the structure of the tower, safety measures, and antenna design criteria for the proposed facility. Based upon the application, the design of the tower and foundation conforms to applicable nationally

recognized building standards, and the plans have been certified by a Registered Professional Engineer.

Pursuant to 807 KAR 5:063, Section 1(1)(n), the Applicants have notified the Judge Executive of Laurel County of the proposed construction. To date, no comments have been filed by the Judge Executive. The Applicants have filed applications with the Federal Aviation Administration and the Kentucky Airport Zoning Commission seeking approval for the construction and operation of the proposed facility. Both applications have been approved.

The Applicants have filed notices verifying that each person who owns property within 500 feet of the proposed facility has been notified of the pending construction. The notice solicited any comments and informed the property owners of their right to request intervention. In addition, notice of the proposed construction has been posted in a visible location for at least two weeks after filing the application. The Commission received comments from one property owner but no requests for intervention or a public hearing have been filed.

Pursuant to KRS 278.280, the Commission is required to determine proper practices to be observed when it finds, upon complaint or on its own motion, that the facilities of any utility subject to its jurisdiction are unreasonable, unsafe, improper, or insufficient. To assist the Commission in its efforts to comply with this mandate, Crown should notify the Commission if it does not use this antenna tower to provide service in the manner set out in its application and this Order. Upon receipt of such notice, the

Commission may, on its own motion, institute proceedings to consider the proper practices, including removal of the unused antenna tower, which should be observed by Crown.

The Commission, having considered the evidence of record and being otherwise sufficiently advised, finds that Crown should be granted a Certificate of Public Convenience and Necessity to construct the proposed facility.

IT IS THEREFORE ORDERED that:

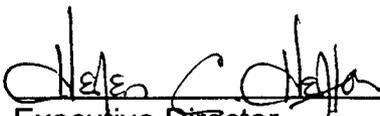
1. Crown is granted a Certificate of Public Convenience and Necessity to construct a self-supporting antenna tower not to exceed 325 feet in height, with attached antennas, to be located off US Highway 25, East Bernstadt, Laurel County, Kentucky. The coordinates for the proposed facility are North Latitude 37° 14' 13.91" by West Longitude 84° 13' 43.83".

2. Crown shall immediately notify the Commission in writing, if, after the antenna tower is built and utility service is commenced, the tower is not used for a period of 3 months in the manner authorized by this Order.

Done at Frankfort, Kentucky, this 19th day of April, 1999.

By the Commission

ATTEST:


Executive Director

RECEIVED

MAR 12 1999

PUBLIC SERVICE COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the matter of:)
)
)
APPLICATION OF CROWN COMMUNICATION INC.)
AND NEXTEL WEST CORP. FOR ISSUANCE)
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND)
NECESSITY TO CONSTRUCT A WIRELESS)
COMMUNICATIONS FACILITY OFF OF US HWY 25)
IN THE TRUNKED CMRS/ESMR LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF LAUREL)
SITE NAME: LIVINGSTON)
SITE NUMBER: 310KY)

CASE NO.: 99-017

**MOTION TO SUBMIT
FOR EXPEDITED DECISION WITHOUT PUBLIC HEARING**

Come the Applicants, Crown Communication Inc. and Nextel West Corp., by counsel, and move the Kentucky Public Service Commission to promptly grant a Certificate of Public Convenience and Necessity ("CPCN") in the within Application proceeding based on the following facts and circumstances:

1. The Applicants have met all filing requirements under the Kentucky Revised Statutes and the Kentucky Administrative Regulations applicable to this proceeding.
2. There are no intervenors in this proceeding after Notice has been afforded pursuant to the terms of the Kentucky Revised Statutes and the Kentucky Administrative Regulation.
3. The Wireless Communications Facility which is the subject of this Application for a CPCN is a vital element of the provider's wireless communications network, and is necessary to provide service in accordance with the provisions of its license with the Federal Communications Commission.

WHEREFORE, Crown Communication Inc. and Nextel West Corp., Applicants herein, by counsel, urge the Kentucky Public Service Commission to promptly grant a Certificate of Public Convenience and Necessity in accordance with the terms of the Application in this proceeding without public hearing.

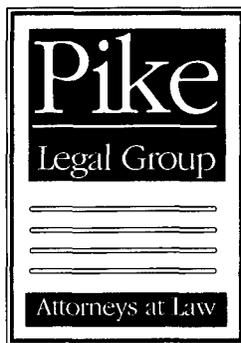
Respectfully submitted,



DAVID A. PIKE
PIKE LEGAL GROUP
200 S. Buckman Street
Post Office Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
E-Mail: E-Mail: pike legal@aol.com
ATTORNEY FOR
CROWN COMMUNICATION INC.

and

William C. Gullett
Brown Todd & Heyburn
50 E. RiverCenter Blvd., Ste. 650
Covington, KY 41011
ATTORNEY FOR NEXTEL WEST CORP.



March 3, 1999

Susan G. Hutcherson
Filings Division Manager
Docket Branch
Kentucky Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

RECEIVED
MAR - 5 1999
PUBLIC SERVICE
COMMISSION

Re: Applicant: Crown Communication Inc.
PSC Case No.: 99-017
Crown Site No.: 310KY
Federal Aviation Administration Approval
Kentucky Airport Zoning Commission Approval

Dear Ms. Hutcherson:

Please accept this letter and the attached documents as an official filing in the above-referenced Public Service Commission action. The Certificate of Public Convenience and Necessity issued in this action called for the Applicant to file a copy of the Federal Aviation Administration and Kentucky Airport Zoning Commission approvals once they were obtained. Copies of this relevant documentation are attached to this letter for inclusion in the official case file.

If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

David A. Pike
E-mail: pikelegal@aol.com

DAP/cmh

Enclosures



Ech. 310 KY-75/LIVINGSTON

Federal Aviation Administration
Southern Region
Air Traffic Division, ASO-520
P. O. Box 20636
Atlanta, GA 30320

ACKNOWLEDGEMENT OF NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

CITY	STATE	LATITUDE/LONGITUDE		MSL	AGL	AMSL
LIVINGSTON	KY	37-14-13.91	084-13-43.83	1211	375	1586

CROWN COMMUNICATION INC.
KRISTEN WEIDE
375 SOUTHPOINTE BLVD.
CANONSBURG, PA 15317

AERONAUTICAL STUDY
No: 98-ASO-7246-OE

Type Structure: ANTENNA TOWER SEE FREQUENCIES ON PAGE 2

The Federal Aviation Administration hereby acknowledges receipt of notice dated 11/12/98 concerning the proposed construction or alteration contained herein.

A study has been conducted under the provisions of Part 77 of the Federal Aviation Regulations to determine whether the proposed construction would be an obstruction to air navigation, whether it should be marked and lighted to enhance safety in air navigation, and whether supplemental notice of start and completion of construction is required to permit timely charting and notification to airmen. The findings of that study are as follows:

The proposed construction would not exceed FAA obstruction standards and would not be a hazard to air navigation. However, the following applies to the construction proposed:

The structure should be obstruction marked and lighted per FAA Advisory Circular AC 70/7460-1J, 'Obstruction Marking and Lighting. CHAPTERS: []-3 -4 []-5 -6 []-7 -8 []-9 []-10 []-11 []-12 -13. Dual with medium intensity white lights.

Supplemental notice is required ~~at least 10 days before the start of construction and~~ within five days after construction reaches its greatest height (use the enclosed FAA form).

This determination expires on 06/08/99 unless application is made, (if subject to the licensing authority of the Federal Communications Commission), to the FCC before that date, or it is otherwise extended, revised or terminated.

If the structure is subject to the licensing authority of the FCC, a copy of this acknowledgement will be sent to that agency.

NOTICE IS REQUIRED ANYTIME THE PROJECT IS ABANDONED OR THE PROPOSAL IS MODIFIED

SIGNED Mary Z. Mc Burney Specialist, Airspace Branch.
Mary Z. Mc Burney (404) 305-5585. 5583
ISSUED IN: College Park, Georgia ON 12/07/98

ENCLOSURE



Kentucky Airport Zoning Commission
125 Holmes Street
Frankfort, KY 40622

(502) 564-4480
fax: (502) 564-7953
No.: AS-063-LOZ-98-272

ECITO 310 KY / LIVINGSTON

February 1, 1999

APPROVAL OF APPLICATION

APPLICANT:
CROWN COMMUNICATION INC
KRISTEN WEIDE, REGULATORY COORDINATOR
375 SOUTH POINTE BOULEVARD
Cannonsburg, PA 15317

SUBJECT: AS-063-LOZ-98-272

STRUCTURE: Antenna Tower
LOCATION: Livingston, KY
COORDINATES: 37°14'13.91"N / 84°13'43.83"W
HEIGHT: 375' AGL / 1,586' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct (375' AGL / 1,586' AMSL) Antenna Tower near Livingston, KY 37°14'14"N, 84°13'44"W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Dual obstruction lighting is required in accordance with 602 KAR 50:100.

Ronald Bland, Administrator



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

March 4, 1999

John Binkley
General Manager
Crown Communications, Inc.
11001 Bluegrass Parkway
Suite 330
Louisville, KY. 40299

Honorable William C. Gullett
Counsel for Nextel West Corporation
Brown, Todd & Heyburn PLLC
Suite 650
50 East River Center Boulevard
Covington, KY. 41001 1508

Honorable David A. Pike
Counsel for Crown Communications
Pike Legal Group
P. O. Box 369
Shepherdsville, KY. 40165 0369

RE: Case No. 99-017
NEXTEL WEST CORPORATION

The Commission staff has reviewed your response of February 8, 1999 and has determined that your application in the above case now meets the minimum filing requirements set by our regulations. Enclosed please find a stamped filed copy of the first page of your filing. This case has been docketed and will be processed as expeditiously as possible.

If you need further information, please contact my staff at 502/564-3940.

Sincerely,

Stephanie Bell
Secretary of the Commission

SB/sa
Enclosure

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

99-00061

In the matter of)

)
)
APPLICATION OF CROWN COMMUNICATION INC.)
AND NEXTEL WEST CORP. FOR ISSUANCE)
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND)
NECESSITY TO CONSTRUCT A WIRELESS)
COMMUNICATIONS FACILITY OFF OF US HWY 25)
IN THE TRUNKED CMRS/ESMR LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF LAUREL)
SITE NAME: LIVINGSTON)
SITE NUMBER: 310KY)

CASE NO.: 99-017

RECEIVED

JAN 25 1999

PUBLIC SERVICE
COMMISSION

FILED

FEB 08 1999

PUBLIC SERVICE
COMMISSION

CROWN COMMUNICATION INC. ("CROWN"), as ultimate owner, and Nextel West Corp. ("Nextel"), as a licensed public utility in the Commonwealth of Kentucky, through counsel, pursuant to (i) KRS 278.020 and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit their Application for a Certificate of Public Convenience and Necessity ("CPCN") from the Public Service Commission of Kentucky ("Commission") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of Nextel's Commercial Mobile Radio Services ("CMRS"), and other wireless service provider collocations in the area described herein.

In support of this Application, CROWN and Nextel (hereinafter referred to as "Applicants"), respectfully provide and state the following information:

1. The complete name and address of the Applicants are:

CROWN COMMUNICATION INC., 375 Southpointe Boulevard, Canonsburg, PA 15317, (724) 416-2000, having a local address of Commonwealth Business Center,



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602
www.psc.state.ky.us
(502) 564-3940
Fax (502) 564-3460

Laura Douglas, Secretary
Public Protection and
Regulation Cabinet

Helen Helton
Executive Director
Public Service Commission

Paul E. Patton
Governor

March 2, 1999

Mr. Al Fritsch, Ph. D.
Appalachia-Science
in the Public Interest
50 Lair Street
Mt. Vernon, KY 40456-9806

Re: Case No. 99-017

Dear Mr. Fritsch:

The Commission is in receipt of your letter concerning the above application for approval to construct a cell facility. The Commission will carefully analyze this application before rendering its final decision. If you wish to intervene in this matter, you must notify the Commission in writing.

It may be helpful for you to know that state authority, specifically that of the Public Service Commission, in this matter has been limited by federal law. For example, Section 704 of the Federal Telecommunications Act of 1996 prohibits this Commission from regulating the placement of wireless facilities on the basis of environmental effects of radio frequency emissions to the extent the facilities comply with Federal Communications Commission regulations. Section 704 also prohibits a state or local government from prohibiting telecommunications facilities construction if such denial will have the effect of prohibiting service. In addition, this Commission is required by statute to ensure that utility service, including telecommunications service, is adequate and reliable. The Commission does, however, consider appropriate placement of necessary facilities within applicable engineering boundaries. It also pursues a policy of collocation of facilities whenever possible.

Thank you for your interest and concern in this matter.

Sincerely,

A handwritten signature in black ink that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission



Appalachia-Science
in the Public Interest
50 Lair St, Mt. Vernon,
Kentucky 40456-9806

RECEIVED

FEB 24 1999

PUBLIC SERVICE
COMMISSION

RE: 99-017

February 22, 1999

Executive Director
Public Services Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Dear Sir or Madam:

We are quite concerned about the possible tower to be built on the bluffs over the Rockcastle River in Laurel County (99-017).

We have at least three concerns:

* The presence of this tower close to our ASPI Nature center will decrease the rustic atmosphere we strive to project for the visitors we have at our Center;

* The possible health hazards associated with EMF within designated distances from dwellings (we are uncertain just how close these will be to three parties who are deeply concerned about this matter); and

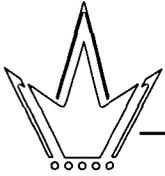
* Interference with transmissions needed for the work of Peter Ayers who is on 911 call at all times.

We would like to hear these concerns addressed either by letter or by a meeting with the proper authorities.

Sincerely,

Al Fritsch
Al Fritsch, Ph.D.
Director





CROWN[®]
COMMUNICATIONS

Willard Mitchell

Monday, February 08, 1999

Public Service Commission
730 Schenkel Lane
Frankfort, KY 40602

RECEIVED

FEB 8 1999

PUBLIC SERVICE
COMMISSION

RE: Case #: 99-017

Dear commission staff,

Pursuant to the order of the Commission on February 4th (attached,) regarding filing deficiencies in case #99-017, 10 copies of the missing exhibits are enclosed.

Feel free to call me at (502) 240-0044 x.13 if you have any questions.

Sincerely,

Aaron Johnson

Aaron Johnson
Zoning Manager, Crown Communications

CC: Honorable William C. Gullett
Honorable David A. Pike

Aaron Johnson
Manager



Mobile: (502) 548-2625

Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY 40299
Phone: (502) 240-0044
FAX: (502) 240-0045

USA Headquarters
375 Southpointe Blvd.
Canonsburg, PA 15317
Phone: (724) 416-2000
FAX: (724) 416-2200



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FEB 05 1999

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602
www.psc.state.ky.us
(502) 564-3940
Fax (502) 564-3460

Paul E. Patton
Governor

Laura Douglas, Secretary
Public Protection and
Regulation Cabinet

February 4, 1999

Mr. Aaron Johnson
Crown Communications, Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY 40299

Honorable William C. Gullett
Brown, Todd & Heyburn PLLC
Suite 650
50 East River Center Boulevard
Covington, KY 41001-1501

Honorable David A. Pike
Pike Legal Group
P.O. Box 369
Shepherdsville, KY 40165-0369

Re: Case No. 99-017
Filing Deficiencies

Gentlemen:

The Commission staff has conducted an initial review of your filing in the above case. This filing is rejected pursuant to 807 KAR 5:001, Section 2, as it is deficient in certain filing requirements. The items listed below are either required to be filed with the application or must be referenced if they are already on file in another case or will be filed at a later date.

Filing deficiencies pursuant to 807 KAR 5:063:

- 1) Section 1(1)(m) A list of the property owners who received the notice, together with copies of the certified letters sent to the listed property owners.
- 2) Section 1(1)(o) A copy of the notice sent to the county judge executive.



AN EQUAL OPPORTUNITY EMPLOYER M/F/D

Page Two
Filing Deficiencies

The statutory time period in which the Commission must process this case will not commence until the above-mentioned information is filed with the Commission. You are requested to file 10 copies of this information within 15 days of the date of this letter. If you need further information, please contact Anita Mitchell of my staff at (502)564-3940, ext. ~~410~~

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Sincerely,



Stephanie Bell
Secretary of the Commission

sa



30

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

RECEIVED

FEB 8 1999

PUBLIC SERVICE COMMISSION

Is your RETURN ADDRESS completed on the reverse?

3. Article Addressed to:

Hon. Jimmy Williams
101 South Main
London, KY 40741

4a. Article Number

P453 891418

4b. Service Type

- Registered Certified
- Express Mail Insured
- Return Receipt for Merchandise COD

7. Date of Delivery

1-27

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Addressee or Agent)

X *Jimmy Williams*

PS Form 3811, December 1994

Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

30

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Gabbard, Lechard & Ethel
P.O. Box 1644
London, KY 40743

4a. Article Number

P453 891419

4b. Service Type

- Registered Certified
- Express Mail Insured
- Return Receipt for Merchandise COD

7. Date of Delivery

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

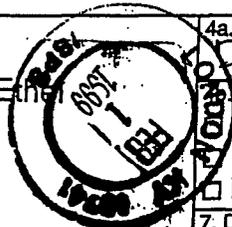
6. Signature (Addressee or Agent)

X *[Signature]*

RECEIVED
FEB 03 1999

PS Form 3811, December 1994

Domestic Return Receipt



Is your RETURN ADDRESS completed on the reverse side?

SENDER:
 ■ Complete items 1 and/or 2 for additional services.
 ■ Complete items 3, 4a, and 4b.
 ■ Print your name and address on the reverse of this form so that we can return this card to you.
 ■ Attach this form to the front of the mailpiece, or on the back if space does not permit.
 ■ Write "Return Receipt Requested" on the mailpiece below the article number.
 ■ The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
 1. Addressee's Address
 2. Restricted Delivery
 Consult postmaster for fee.

3. Article Addressed to:
 Daniel Boone National Forest
 1700 Bypass Road
 Winchester, KY 40391

4a. Article Number: 30
 P453891420

4b. Service Type
 Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery: 1-25-99

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
 X *James B Wilson*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
 ■ Complete items 1 and/or 2 for additional services.
 ■ Complete items 3, 4a, and 4b.
 ■ Print your name and address on the reverse of this form so that we can return this card to you.
 ■ Attach this form to the front of the mailpiece, or on the back if space does not permit.
 ■ Write "Return Receipt Requested" on the mailpiece below the article number.
 ■ The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
 1. Addressee's Address
 2. Restricted Delivery
 Consult postmaster for fee.

3. Article Addressed to:
 Jarvis, Pearl, Jr.
 P.O. Box 1652
 Barbourville, KY 40906

4a. Article Number: 310
 P453891421

4b. Service Type
 Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery: 1-25-99

5. Received By: (Print Name)
 Pearl Jarvis

6. Signature: (Addressee or Agent)
 X *Pearl Jarvis*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
 ■ Complete items 1 and/or 2 for additional services.
 ■ Complete items 3, 4a, and 4b.
 ■ Print your name and address on the reverse of this form so that we can return this card to you.
 ■ Attach this form to the front of the mailpiece, or on the back if space does not permit.
 ■ Write "Return Receipt Requested" on the mailpiece below the article number.
 ■ The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
 1. Addressee's Address
 2. Restricted Delivery
 Consult postmaster for fee.

3. Article Addressed to:
 Watkins, Capitola
 478 Somerset Road
 London, KY 40741

4a. Article Number: 320
 P453891422

4b. Service Type
 Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery: JAN 27 1999

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
 X *Capitola Watkins*

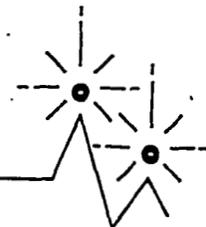
8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 Domestic Return Receipt



CROWN[®]

COMMUNICATIONS



Friday, January 22, 1999

Gabbard, Lechard & Ethel
P.O. Box 1644
London, Kentucky 40743

RE: Public Notice - Public Service Commission of Kentucky
Case #: 99-017 Crown Site #: 310KY

Dear Mr. & Mrs. Gabbard:

Crown Communication Inc. and Nextel West, Inc. have applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300 foot tower with appurtenances attached to a maximum height of 325 feet, and a ground level equipment shelter to be located off of US Hwy. 25, East Bernstadt, Kentucky (A map showing the location of the proposed new facility is enclosed.) A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval, and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the Commission must be received by the Commission within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No: 99-017 in your correspondence.

Feel free to call me at (502) 240-0044 x.13 if you have any questions.

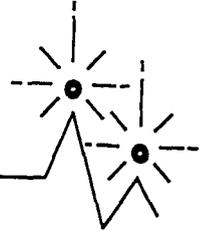
Sincerely,

Aaron Johnson
Zoning Manager, Crown Communications



CROWN[®]

COMMUNICATIONS



Friday, January 22, 1999

Daniel Boone National Forest
1700 Bypass Road
Winchester, Kentucky 40391

RE: Public Notice - Public Service Commission of Kentucky
Case #: 99-017 Crown Site #: 310KY

Dear Whom it May Concern:

Crown Communication Inc. and Nextel West, Inc. have applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300 foot tower with appurtenances attached to a maximum height of 325 feet, and a ground level equipment shelter to be located off of US Hwy. 25, East Bernstadt, Kentucky (A map showing the location of the proposed new facility is enclosed.) A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval, and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the Commission must be received by the Commission within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No: 99-017 in your correspondence.

Feel free to call me at (502) 240-0044 x.13 if you have any questions.

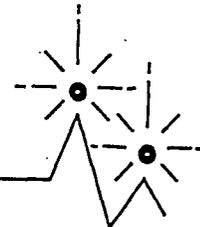
Sincerely,

Aaron Johnson
Zoning Manager, Crown Communications



CROWN[®]

COMMUNICATIONS



Friday, January 22, 1999

Jarvis, Pearl, Jr.
P.O. Box 1652
Barbourville, Kentucky 40906

RE: Public Notice - Public Service Commission of Kentucky
Case #: 99-017 Crown Site #: 310KY

111
111
111

Dear Ms. Jarvis:

Crown Communication Inc. and Nextel West, Inc. have applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300 foot tower with appurtenances attached to a maximum height of 325 feet, and a ground level equipment shelter to be located off of US Hwy. 25, East Bernstadt, Kentucky (A map showing the location of the proposed new facility is enclosed.) A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval, and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the Commission must be received by the Commission within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No: 99-017 in your correspondence.

Feel free to call me at (502) 240-0044 x.13 if you have any questions.

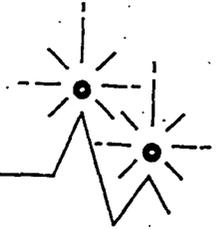
Sincerely,

Aaron Johnson
Zoning Manager, Crown Communications



CROWN[®]

COMMUNICATIONS



Friday, January 22, 1999

Watkins, Capitola
478 Somerset Road
London, Kentucky 40741

RE: Public Notice - Public Service Commission of Kentucky
Case #: 99-017 Crown Site #: 310KY

Dear Capitola Watkins:

Crown Communication Inc. and Nextel West, Inc. have applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300 foot tower with appurtenances attached to a maximum height of 325 feet, and a ground level equipment shelter to be located off of US Hwy. 25, East Bernstadt, Kentucky (A map showing the location of the proposed new facility is enclosed.) A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval, and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the Commission must be received by the Commission within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No: 99-017 in your correspondence.

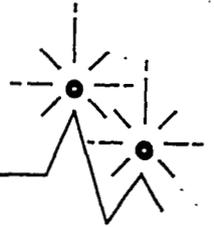
Feel free to call me at (502) 240-0044 x.13 if you have any questions.

Sincerely,

Aaron Johnson
Zoning Manager, Crown Communications

**CROWN**[®]

COMMUNICATIONS



Friday, January 22, 1999

Hon. Jimmy Williams
101 South Main
London, Kentucky 40741

RE: Public Notice - Public Service Commission of Kentucky
Case #: 99-017 Crown Site #: 310KY

Dear Hon. Williams:

Crown Communication Inc. and Nextel West, Inc. have applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 300 foot tower with appurtenances attached to a maximum height of 325 feet, and a ground level equipment shelter to be located off of US Hwy. 25, East Bernstadt, Kentucky (A map showing the location of the proposed new facility is enclosed.) A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval, and the approved tower is operational. This notice is being sent to you because you are the Judge Executive of Laurel County.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the Commission must be received by the Commission within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No: 99-017 in your correspondence.

Feel free to call me at (502) 240-0044 x.13 if you have any questions.

Sincerely,

Aaron Johnson
Zoning Manager, Crown Communications



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602
www.psc.state.ky.us
(502) 564-3940
Fax (502) 564-3460

Paul E. Patton
Governor

Laura Douglas, Secretary
Public Protection and
Regulation Cabinet

February 4, 1999

Mr. Aaron Johnson
Crown Communications, Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY 40299

Honorable William C. Gullett
Brown, Todd & Heyburn PLLC
Suite 650
50 East River Center Boulevard
Covington, KY 41001-1501

Honorable David A. Pike
Pike Legal Group
P.O. Box 369
Shepherdsville, KY 40165-0369

Re: Case No. 99-017
Filing Deficiencies

Gentlemen:

The Commission staff has conducted an initial review of your filing in the above case. This filing is rejected pursuant to 807 KAR 5:001, Section 2, as it is deficient in certain filing requirements. The items listed below are either required to be filed with the application or must be referenced if they are already on file in another case or will be filed at a later date.

Filing deficiencies pursuant to 807 KAR 5:063:

- 1) Section 1(1)(m) A list of the property owners who received the notice, together with copies of the certified letters sent to the listed property owners.
- 2) Section 1(1)(o) A copy of the notice sent to the county judge executive.



AN EQUAL OPPORTUNITY EMPLOYER M/F/D

Page Two
Filing Deficiencies

The statutory time period in which the Commission must process this case will not commence until the above-mentioned information is filed with the Commission. You are requested to file 10 copies of this information within 15 days of the date of this letter. If you need further information, please contact Anita Mitchell of my staff at (502)564-3940, ext. 410.

Sincerely,



Stephanie Bell
Secretary of the Commission

sa





COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

January 26, 1999

Aaron Johnson
Zoning Manager
Crown Communications, Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Honorable William C. Gullett
Counsel for Nextel West Corporation
Brown, Todd & Heyburn PLLC
Suite 650
50 East River Center Boulevard
Covington, KY. 41001 1508

Honorable David A. Pike
Counsel for Crown Communications
Pike Legal Group
P. O. Box 369
Shepherdsville, KY. 40165 0369

RE: Case No. 99-017
NEXTEL WEST CORPORATION
(Construct) CELL SITE - US HWY 25 - LAUREL COUNTY - LIVINGSTON

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received January 25, 1999 and has been assigned Case No. 99-017. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,
Stephanie Bell

Stephanie Bell
Secretary of the Commission

SB/jc

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

99-00061

In the matter of)

)
)
APPLICATION OF CROWN COMMUNICATION INC.)
AND NEXTEL WEST CORP. FOR ISSUANCE)
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND)
NECESSITY TO CONSTRUCT A WIRELESS)
COMMUNICATIONS FACILITY OFF OF US HWY 25)
IN THE TRUNKED CMRS/ESMR LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF LAUREL)
SITE NAME: LIVINGSTON)
SITE NUMBER: 310KY)

CASE NO.: 99-017

FILED

FEB 08 1999

**PUBLIC SERVICE
COMMISSION**

RECEIVED

JAN 25 1999

**PUBLIC SERVICE
COMMISSION**

CROWN COMMUNICATION INC. ("CROWN"), as ultimate owner, and Nextel West Corp. ("Nextel"), as a licensed public utility in the Commonwealth of Kentucky, through counsel, pursuant to (i) KRS 278.020 and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit their Application for a Certificate of Public Convenience and Necessity ("CPCN") from the Public Service Commission of Kentucky ("Commission") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of Nextel's Commercial Mobile Radio Services ("CMRS"), and other wireless service provider collocations in the area described herein.

In support of this Application, CROWN and Nextel (hereinafter referred to as "Applicants"), respectfully provide and state the following information:

1. The complete name and address of the Applicants are:

CROWN COMMUNICATION INC., 375 Southpointe Boulevard, Canonsburg, PA 15317, (724) 416-2000, having a local address of Commonwealth Business Center,

11001 Bluegrass Parkway, Suite 330, Louisville, Kentucky 40299, (502) 240-0044.

NEXTEL WEST CORP., d/b/a NEXTEL, 1505 Farm Credit Drive, McLean, VA 22102, (703) 394-3000.

2. CROWN COMMUNICATION INC. is a Delaware corporation that constructs, owns, maintains, and operates independent communications networks. CROWN owns and manages safe, clean, and well-maintained facilities. CROWN facilities do not generate smoke, odors, noise, noxious gases, vibrations, or increase traffic. Studies show that CROWN's facilities will not pollute air, soil, or water, nor will they adversely affect radio or television reception or transmission. A certified copy of the Certificate of Authority under the name of CROWN COMMUNICATION INC., issued by the Secretary of State of the Commonwealth of Kentucky, and a certified copy of the Articles of Incorporation issued by the Secretary of State of Delaware are attached hereto as **Exhibit A**.

3. After completion of the proposed WCF, CROWN will lease or license space on said tower and the surrounding site so that Nextel may locate and operate its CMRS/ESMR facility to include all required antennas and appurtenances. The proposed WCF will serve an area completely within Nextel's FCC licensed Trunked CMRS/ESMR service area in the Commonwealth of Kentucky. A copy of Nextel's FCC license, as well as NEXTEL's authorization from the Commission to provide wireless services is attached as **Exhibit B**. CROWN has located the proposed site in a manner such that other wireless communications service providers will desire to collocate on said tower, and will endeavor to provide all necessary facilities to make collocation attractive to them.

4. The public convenience and necessity require the construction of the proposed

WCF. The construction of the WCF will bring Nextel's CMRS/ESMR services to an area currently not served by Nextel and will thereby enhance the public's access to innovative and competitive wireless telecommunications services. The WCF will provide a necessary link in Nextel's telecommunications network that is designed to meet the increasing demands for wireless services in Kentucky's Trunked, CMRS/ESMR-licensed area. The WCF is an integral link in Nextel's network design that must be in place to cover the proposed service area.

5. CROWN's construction of the described WCF is desirable because it allows for the collocation of additional wireless service providers within the Laurel County portion of the Kentucky Trunked, CMRS/ESMR-licensed area. These services may include telecommunications, wireless data transfer and Internet services, wireless cable, paging systems, and other new products currently being developed in the wireless industry. In addition, the WCF will be available for use by governmental agencies and providers of emergency services. The WCF will provide a necessary link in CROWN's wireless network, and CROWN, as part of its business structure, will diligently pursue and encourage other wireless providers to collocate on the WCF. These services will provide increased competition in the South Central Kentucky telecommunications market, which will, in turn, promote competitive pricing, quality, and coverage options to users of telecommunications services in this area. CROWN's vested interest in the collocation of wireless service providers promotes the same goals for the consumers of South Kentucky.

6. The Applicants propose to construct a WCF off of US Hwy. 25, East Bernstadt, Kentucky 40279, in an area located entirely within Laurel County. The proposed WCF will consist of a 300-foot self-supporting tower, with a 25-foot lightning arrestor attached at the top for a total height of 325 feet. The WCF will also include concrete foundations to

accommodate the placement of Nextel's proprietary radio electronics equipment. The equipment will be housed in a prefabricated shelter that will contain: (i) the transmitting and receiving equipment required to connect the WCF with Nextel's CMRS/ESMR users in Kentucky, (ii) telephone lines that will link the WCF with Nextel's other facilities, (iii) battery back-up that will allow Nextel to operate even after a loss of outside power, and (iv) all other necessary appurtenances. Nextel's equipment shelter will be approved for use in the Commonwealth of Kentucky by either the local building inspector or the Kentucky Department of Housing. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibits C and D**, as required by 807 KAR 5:001 Section 9(2)(c). Periodic inspections will be performed on the WCF in accordance with the applicable regulations or requirements of the Commission. The list of competing utilities, corporations, or persons is attached as **Exhibit E**.

7. A Site Development Plan has been submitted with this Application as **Exhibit C**. A vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting both the tower height as well as a proposed configuration for NEXTEL's and future antenna mounts has also been included as part of **Exhibit C**. Foundation design plans and a description of the standard according to which the tower was designed signed and sealed by a professional engineer registered in Kentucky is included as part of **Exhibit D**.

8. The Applicants have considered the likely effects of the installation on nearby land uses and values and have concluded that there is no more suitable location reasonably

available from which adequate services can be provided, and that there are no reasonably available opportunities to collocate. The Applicants have attempted to collocate on towers designed to host multiple wireless services provider's facilities or existing structures, such as a telecommunications tower, or another suitable structure capable of supporting Nextel's facilities. No other towers were found to be located within the site vicinity. Information regarding the nearest towers, and CROWN's reasons for not utilizing these towers for collocation are presented as **Exhibit F**.

9. Kristen Weide conducted a preliminary aeronautical evaluation on November 3, 1998. The evaluation determined that a structure height of 375 feet at this site is within the FCC rules of Federal Aviation Regulation Part 77, Part 17 requirements. FAA authorization was issued on December 7th, approving the applied height and detailing the lightning and marking requirements for this facility. A copy of the FAA approval is attached as **Exhibit G**.

10. An application to the Kentucky Airport Zoning Commission (KAZC) was filed on November 3, 1998, a copy of which is attached as **Exhibit H**. Upon receiving authorization from the KAZC, the Applicants will forward a copy of the determination as a supplement to this Application.

11. A separate application to the Federal Communications Commission is not required for this facility.

12. ATC Associates Inc. ("ATC") performed soil boring(s) and subsequent geotechnical-engineering studies of the WCF site. ATC has performed hundreds of such studies for the communications industry. ATC's local office is located at 2815 Watterson

Trail, Louisville, Kentucky 40299-3868. The Senior Engineer for the WCF site is Michael Ronayne, PE, a registered professional engineer in the Commonwealth of Kentucky. His area of expertise is in the field of geotechnical engineering, including subsurface exploration. A copy of the Report of Geotechnical Exploration is attached hereto as **Exhibit I**.

13. Clear directions to proposed site from the County seat are attached as **Exhibit J**. They were prepared by Rodney Strong (502) 240-0044.

14. The property on which the WCF will be located is owned by Ethel Gabbard, and is located off of US Hwy. 25, East Bernstadt, Kentucky 40729. The WCF site is geographically positioned at 37° 14' 13.91" North latitude and at 84° 13' 43.83" West longitude. Nextel, pursuant to a Lease Agreement dated January 9th, 1998, has acquired the WCF site and associated property rights. A copy of the abbreviated Memorandum of Deed recorded with the County Clerk is attached as **Exhibit K**. Also, included as part of **Exhibit K** is the portion of the full agreement demonstrating that in the case of abandonment a method is provided to dismantle and remove the cellular antenna tower, including a timetable for removal.

15. Personnel directly responsible for the design and construction of the proposed WCF are well-qualified and experienced. Sabre performed the tower and foundation design. Sabre is a nationally recognized manufacturer and designer of communications towers. The engineer responsible for the design is Chi S. Lee, PE, a registered professional engineer in the Commonwealth of Kentucky. His specialty is the design and

engineering of guyed, self-support and monopole structures. He has served as Professional Engineer on various projects similar to the Applicants'. These projects include the design of towers and the required foundations of many other wireless facilities. All of the designs have been signed and sealed by Chi S. Lee. The construction of the proposed WCF will be performed by Crown Network Systems, an experienced, bonded, and insured erection company. The CROWN Tower Erection Manager, Harold Harrington, will manage the tower erection as well. Mr. Harrington is a tower installation manager for Crown and has been erecting towers for the telecommunications industry for over 15 years. All tower designs will meet or exceed applicable laws and regulations.

16. Based on his review of Federal Emergency Management Agency Flood Insurance Rate Maps, the registered land surveyor has noted on Page C-2 of **Exhibit C** that the proposed WCF is not located within any flood hazard area.

17. The possibility of high winds has been considered in the design of this tower. The tower has been designed and engineered by professional engineers using computer assistance and the same accepted codes and standards as are typically used for high-rise building construction. The tower has been designed to withstand a wind loading of 70 m.p.h., using the Uniform Building Code of 1991 ("UBC-91") and further modified by the 1993 Administrative Code. This tower has been designed in accordance with the Electronic Industries Association ("EIA") 222-F Standards, which have been accepted and approved by ANSI and is a nationally recognized tower design standard. Similarly, the proposed WCF design has been developed with consideration to potential ground shaking based on a negligible seismic zone of 1. However, seismic loading is regarded as secondary to the

wind loading, as described above.

18. The site development plan signed and sealed by Mario Alvarez was prepared by Alvar, Inc. and was designed from a survey performed by T. Alan Neal Company. This site development plan is drawn to a scale of no less than one (1) inch equals 200 feet, and identifies every owner of real estate within 500 feet of the proposed tower (according to the Property Valuation Administrator) and is incorporated in the survey on Page C-1 of **Exhibit C**. Every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system is incorporated in the survey on Page C-2 of **Exhibit C**.

19 CROWN, on behalf of itself and Nextel, has notified every person who owns property within 500 feet of the proposed tower by certified mail, return receipt requested, of the proposed construction, along with the possibility of a temporary site being built while awaiting final Commission approval. Each property owner has been given the docket number under which the proposed Application will be processed and has been informed of his or her right to request intervention. A list of the nearby property owners who received the notices, together with copies of the certified letters, are attached as **Exhibits L and M**, respectively.

20. CROWN, on behalf of itself and Nextel, has notified the Judge Executive of Laurel County by certified mail, return receipt requested, of the proposed construction. CROWN included in said notice the Public Service Commission docket number under which the application will be processed and informed said entity of its right to request intervention. A

copy of said notice is attached as **Exhibit N**. Laurel County has not registered for the right to regulate cell sites with the PSC, and has not adopted planning and zoning regulations in accordance with KRS Chapter 100.

21. The proposed WCF will be located off of US Hwy. 25, East Bernstadt, Kentucky. Two appropriate notice signs measuring at least two (2) feet in height and four (4) feet in width with all required language in letters of required height have been posted in a visible location on the proposed site and on the nearest public road and shall remain posted for at least two (2) weeks after filing of the Application. Copies of the postings are attached as **Exhibit O**. The location of the proposed facility has been published in a newspaper of general circulation in Laurel County, Kentucky.

22. The area in which the WCF is to be constructed is not in any registered zoning classification. There are no residences within a 500-foot radius of the centerline of the proposed tower location. The land surrounding the WCF site is presently raw acreage.

23. The process that was used in selecting the site for the proposed WCF by the Applicants' radio frequency engineers was consistent with the process used for selecting generally all other existing and proposed WCF facilities within the proposed network design area. Before beginning the acquisition process, the Applicants carefully evaluated the location of the required WCF for possible collocation opportunities on existing structures. Radio frequency engineers used computer programs to evaluate the most effective coverage design for facilitating collocation potential on the proposed tower. CROWN and Nextel's radio frequency engineers have combined their efforts in order to develop a highly efficient network that is designed to serve the Federal Communications

Commission licensed territory without extending beyond its approved boundary. The engineers selected the optimum vicinity in terms of elevation and location to provide the best quality service to customers in the service area. A proposed coverage area was considered by the Applicants when searching for sites that would provide both (i) the coverage deemed necessary by Nextel, and (ii) the coverage deemed necessary by CROWN to permit the integration of the proposed WCF into CROWN's overall network design. No suitable towers or existing structures were found in the immediate area that would meet the technical requirements for this element of the telecommunications network.

A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which a site should, pursuant to radio frequency requirements, be located is attached as **Exhibit P**.

24. All responses and requests associated with this Application may be directed to:

Aaron Johnson, Zoning Manager
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299
(502) 240-0044 x.13

And

William C. Gullett, Esq.
Brown, Todd & Heyburn PLLC
Suite 650
50 East River Center Boulevard
Covington, KY 41011-1508
(606) 655-2683
COUNSEL FOR NEXTEL WEST CORP.

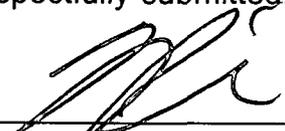
And

David A. Pike
Pike Legal Group

P.O. Box 369
Shepherdsville, Kentucky 40165-0369
(502) 955-4400
COUNSEL FOR CROWN COMMUNICATION INC.

WHEREFORE, the Applicants respectfully request that the Commission accept the foregoing Application for filing, and having met the requirements of KRS 278.020 and all applicable rules and regulations of the Commission, grant a Certificate of Public Convenience and Necessity to construct and operate the WCF at the location set forth herein for the respective networks in the Commonwealth of Kentucky.

Respectfully submitted,



David A. Pike
Pike Legal Group
P.O. Box 369
Shepherdsville, Kentucky 40165-0369
(502) 955-4400
COUNSEL FOR CROWN COMMUNICATION INC.
And



H. Lawson Walker II
William C. Gullett
Brown, Todd & Heyburn PLLC
Suite 650
50 East River Center Boulevard
Covington, KY 41011-1508
(606) 655-2683
COUNSEL FOR NEXTEL WEST CORP.

LIST OF EXHIBITS

- A – CROWN’s Articles of Incorporation & Certificate of Authority**
- B - Copy of Nextel West Corp.’s FCC License & Service Provider Certification**
- C – Site Development Plan**
 - Vicinity Map Cover Sheet**
 - Topographic Map Cover Sheet**
 - Property Owner Listing Sheet C-1**
 - 500’ Vicinity Map Sheet C-2**
 - Legal Descriptions Sheet C-2**
 - Flood Plain Certification Sheet C-2**
 - Site Plan Sheet C-1 & C-2**
 - Vertical Tower Profile Sheet C-4 & C-5**
- D – Tower and Foundation Design**
- E – Competing utilities, corporations, or persons list**
- F – Collocation report**
- G – Application to FAA & Approval**
- H– Application to Kentucky Airport Zoning Commission**
- I – Geotechnical Report**
- J – Directions to WCF Site**
- K – Copy of Real Estate Agreement**
- L – Certification of Notification**
- M – Copy of Property Owner Notification**
- N – Copy of Planning Commission Notice**
- O – Copy of Posting Notices**
- P – Copy of Radio Frequency Design Search Area**

EXHIBIT A

**CROWN'S ARTICLES OF INCORPORATION & CERTIFICATE OF
AUTHORITY**

See Exhibit "A" to Case Numbers 97-503 and 97-505 previously filed with the
Public Service Commission.

EXHIBIT B

COPY OF NEXTEL WEST CORP'S FCC LICENSE

See Exhibit "B" to Case Numbers 97-502 and 97-505 previously filed with the Public Service Commission.

Nextel is a Delaware corporation. Pursuant to 807 KAR 5:001 Sections 8(3) and 9(1)(a), a certified copy of the Articles of Incorporation of Nextel (previously called OneComm Corporation) and a certified copy of its Certificate of Authority to transact business in the Commonwealth of Kentucky were provided by Nextel to the Commission in Case No. 96-344 in which it applied for a Certificate to provide CMRS services, including its digital wide-area specialized mobile radio ("SMR") services (also known as "ESMR") and traditional SMR services. A certified copy of the amendment to Nextel's Articles of Incorporation, reflecting the name change from OneComm Corporation to Nextel West Corp., was provided by Nextel to the Commission in Case No. 97-395. The Commission previously found that Nextel has the financial, technical and managerial ability to provide CMRS/SMR and ESMR services in its Order in Case No. 97-395, issued on September 29, 1997.



CROWN
COMMUNICATION INC.

CROWN
COMMUNICATION INC.
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
(502) 240-0044
(502) 240-0045 FAX

ECHO 310KY

LIVINGSTON

300' TALL SELF SUPPORTING
WITH (4) CARRIERS

Alvar
IDG
ARCHITECTS AND ENGINEERS
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
(502) 240-0044 EXT. 17
(502) 240-0045 FAX

CASE NO. _____
PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS
SET OF CONSTRUCTION DOCUMENTS
IS PROPRIETARY BY NATURE AND ANY USE
OR DISCLOSURE, OTHER THAN THAT
WHICH RELATES TO CROWN
COMMUNICATION INC. PROJECTS,
WITHOUT THE WRITTEN CONSENT OF ALVAR,
IDG ARCHITECTS AND ENGINEERS, IS
PROHIBITED.



Z.D.

DATE	ISSUE
1/4/99	PRELIMINARY

DRAWN BY: ADA
CHECKED BY: *[Signature]* KA
REVIEWED BY: E.C. N.A.

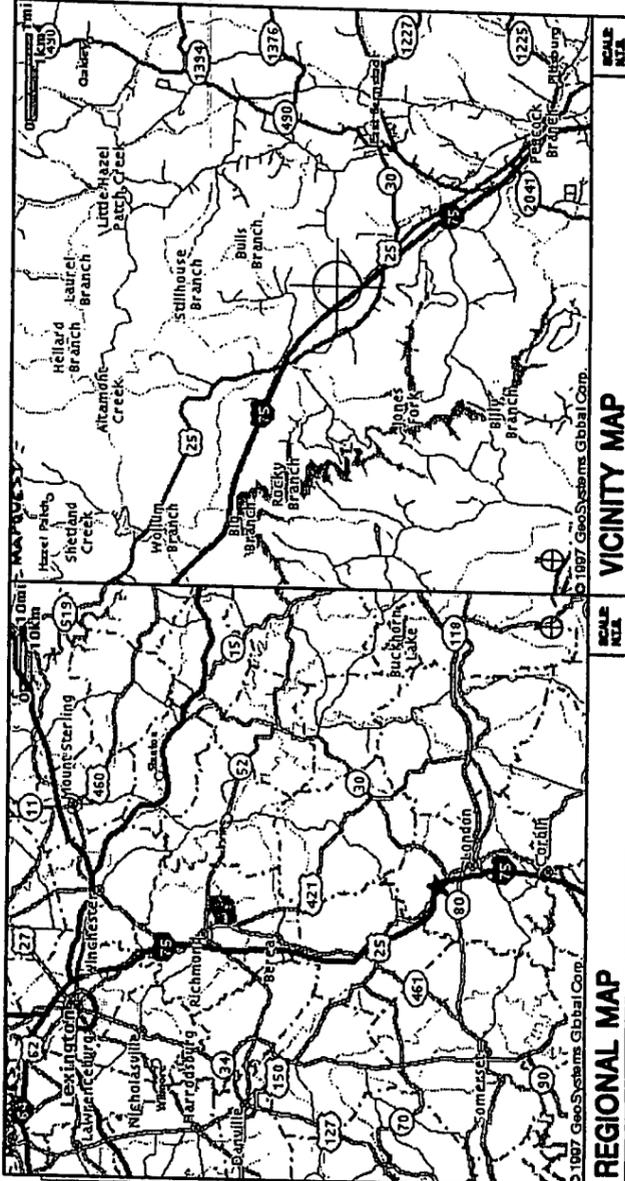
SITE NUMBER
ECHO 310KY

SITE NAME
LIVINGSTON

SITE ADDRESS
RT. 1 BOX 119V
E. BERNSTADT, KY 40729

SHEET TITLE
**TITLE SHEET,
SITE INFO**

SHEET NUMBER



SITE NAME: LIVINGSTON

SITE NUMBER: ECHO 310KY

SITE ADDRESS: RT. 1 BOX 119V
E. BERNSTADT, KY 40729

OWNER: ETHEL GABBARD
RT. 1 BOX 119V
E. BERNSTADT, KY 40729

APPLICANT: CROWN COMMUNICATION INC.
11001 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299

ZONING: AREA OF PARCEL

PARCEL NUMBER(S):

PROJECT SUMMARY

ARCHITECT
Alvar
IDG
ARCHITECTS AND ENGINEERS
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
(502) 240-0044 EXT. 17
(502) 240-0045 FAX

ELECTRICAL AND MECHANICAL ENGINEERS
Alvar
IDG
ARCHITECTS AND ENGINEERS
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
(502) 240-0044 EXT. 17
(502) 240-0045 FAX

CONSULTANT TEAM

DIRECTIONS TO SITE

PROCEED SOUTH ON INTERSTATE 75 FROM LEXINGTON, KY FOR 60+/- MILES TO EXIT 49 AND STATE ROAD 909. PROCEED EAST (LEFT) ON S.R. 909 FOR 0.6 MILES TO HIGHWAY 25. PROCEED NORTH (LEFT) ON HIGHWAY 25 FOR 0.7 MILES TO A GRAVEL ROAD ON THE LEFT (BEFORE ROCKCASTLE RIVER BRIDGE). PROCEED WEST (LEFT) UP THE GRAVEL ROAD TO THE TERMINATION OF SAID ROAD, THE GABBARD RESIDENCE AND THE SITE.

- SYMBOLS**
- 2
A-2
 - 2
A-2
 - 2
A-2
- ROOM NUMBER**
- 21
 - 1
 - 1

GENERAL NOTE

IMPORTANT NOTE FOR GENERAL CONTRACTOR
AT ALL NEW SERVICES & GRADING TRENCHES PROVIDE "WARNING TAPE" @ 12" BELOW GRADE

BEFORE YOU DIG CALL KENTUCKY UNDERGROUND

BEFORE YOU DIG!!
1-800-752-6007

ALVAR
IDG.
ARCHITECTS AND ENGINEERS
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
(502) 240-0044 FAX
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CASE NO. _____
PROPRIETARY INFORMATION
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REGISTERED ARCHITECT
COMMUNITY HEALTH
KENTUCKY
NO. 4851

Z.D.

DATE	ISSUE
1/4/98	PRELIMINARY

DRAWN BY: ADA
CHECKED BY: *[Signature]*
REVIEWED BY: B. C. *[Signature]*

SITE NUMBER

ECHO 310KY

SITE NAME

LIVINGSTON

SITE ADDRESS

RT. 1 BOX 119V
E. BERNSTADT, KY 40729

SHEET TITLE

SHEET LIST,
ABBREVIATIONS

SHEET NUMBER

T2

SHEET NUMBER	DESCRIPTION
T1	TITLE SHEET GENERAL INFORMATION
T2	SHEET INDEX, ABBREVIATIONS
<u>SURVEY</u>	
C1	VACINITY MAP
C2	SURVEY
<u>ARCHITECTURAL</u>	
A1	SITE PLAN
A2	SITE LAYOUT
A3	ELEVATIONS
A4	ELEVATIONS
A5	GENERAL DETAILS
A6	FENCE DETAILS
<u>ARCHITECTURAL NOTES</u>	
AN-1	ARCHITECTURAL NOTES
AN-2	ARCHITECTURAL NOTES
AN-3	ARCHITECTURAL NOTES

SHEET INDEX

CA	CA	REQ'D	REQUIRED
CA	CA	RM	ROOM
GC	GC	R.O.	ROUGH OPENING
CA	GALVE	S	SOUTH
CA	GALV	SHT	SHEET
GC	GENERAL	SIM.	SIMILAR
	CONTRACTOR	SPEC.	SPECIFICATION
		SO	SQUARE
		SS	STAINLESS STEEL
GRND	GROUND	STL	STEEL
GWB	GYPSPUM	STRUC.	STRUCTURAL
GYP.BD.	WALL BOARD	SUSP.	SUSPENDED
		S.V.	SHEET VINYL
HARDWD	HARDWOOD	THRU	THROUGH
HORIZ.	HORIZONTAL	TND	TINNED
HR	HR	T.O.C.	TOP OF CONCRETE
HT.	HEIGHT	T.O.M.	TOP OF MASONRY
HVAC	HEATING, VENTING	TYP	TYPICAL
	AIR CONDITIONING	UBC	UNIFORM BUILDING
		CODE	CODE
LD.	INSIDE DIA.	UNO	UNLESS NOTED
IN.	INCH		OTHERWISE
INFO	INFO	VERT.	VERTICAL
INSUL.	INSULATION	W/P	VERIFY IN FIELD
INT.	INTERIOR	VT	VINYL TILE
LB(S)	POUND(S)	W	WEST
MAX	MAXIMUM	W/	WITH
MECH	MECHANICAL	WIN	WINDOW
MTL	METAL	W/O	WITHOUT
MFR	MANUFACTURER	W.P.	WATERPROOF
MGR	MANAGER	∠	ANGLE
MIN	MINIMUM	&	AND
MISC	MISCELLANEOUS	⊕	CENTER LINE
		ℙ	PROPERTY LINE
N	NORTH	⊙	AT
NA	NOT APPLICABLE	!	NUMBER
NIC	NOT IN CONTRACT		
NTS	NOT TO SCALE		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
OPG.	OPPOSITE		
OPP	OPPOSITE		
PLYWD.	PLYWOOD		
PR	PAIR		
PROJ	PROJECT		
PROP	PROPERTY		
PT	PRESSURE TREATED		

ABBREVIATIONS

A/C	AIR CONDITIONING
ADJ.	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
APPROX.	APPROXIMATELY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWG	AMERICAN WIRE GAUGE
BLDG.	BUILDING
BLK.	BLOCK
BMR	BASE MOBILE RADIO
B/S	BUILDING STANDARD
CLG	CEILING
CLR.	CLEAR
CONC.	CONCRETE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
DBL.	DOUBLE
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DN	DOWN
DTL.	DETAIL
DWG.	DRAWING
E	EAST
EA.	EACH
ELEV	ELEVATION
ELECT	ELECTRICAL
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.W.	EACH WAY
EXIST.	EXISTING
EXT.	EXTERIOR
FIN.	FINISH
FLOR.	FLUORESCENT
FLR	FLOOR
FT.	FOOT

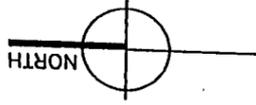
SITE PLAN NOTES

THE PROPOSED DEVELOPMENT IS FOR A 300 FOOT HIGH SELF-SUPPORTING TOWER AND UP TO 4 ANCILLARY CABINETS ITS LOCATION IS AT RT. 1 BOX 119V E. BERNSTADT, KY 40729

THE TOWER AND ELECTRICAL EQUIPMENT BUILDING WILL BE ACCESSED BY A PROPOSED STABILIZED DRIVE FROM AN EXISTING ROAD (GRASSY SPRING ROAD) A PUBLIC RIGHT OF WAY.

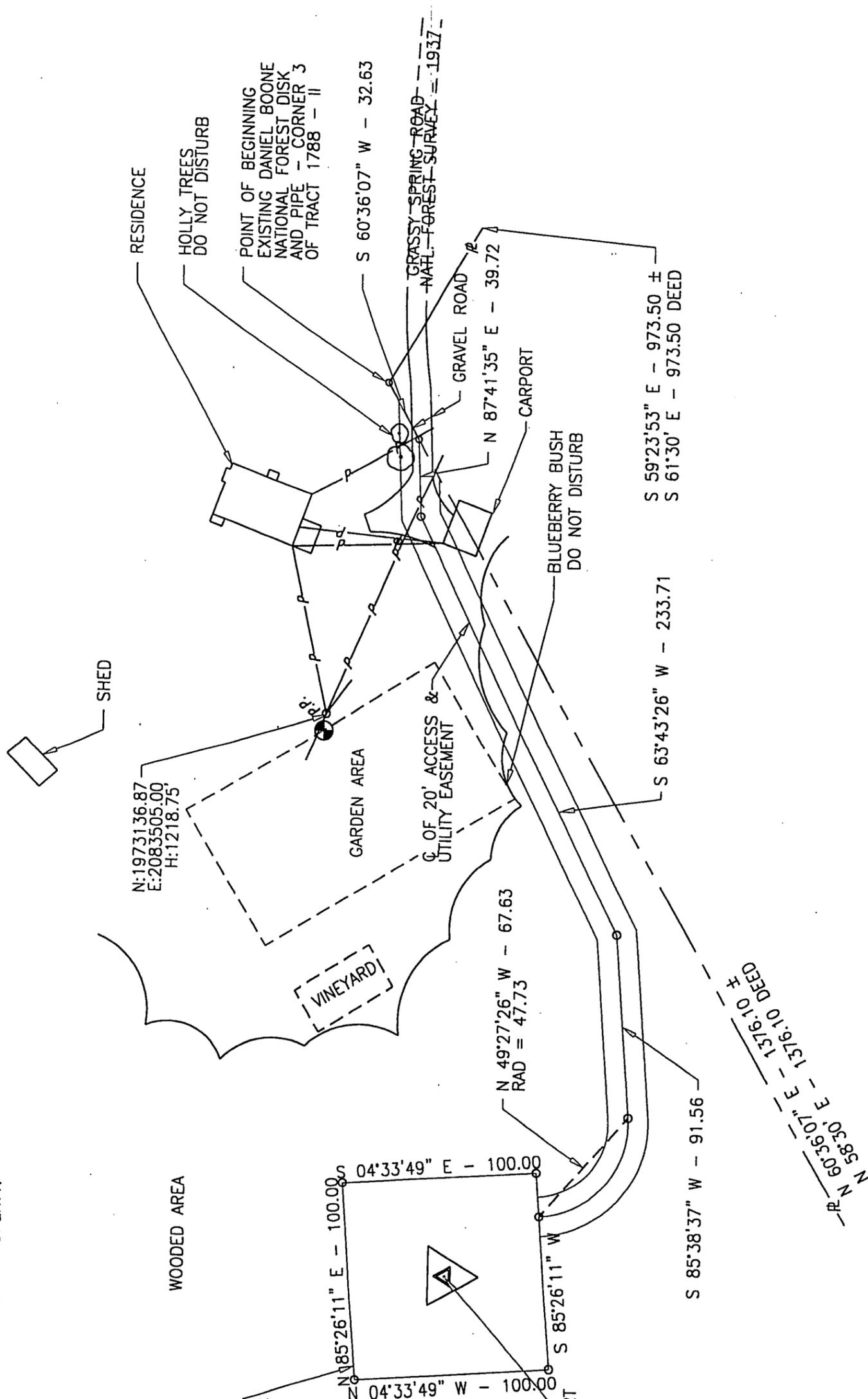
WATER, SANITARY SEWER, AND WASTE COLLECTIONS SERVICES ARE NOT REQUIRED FOR THE PROPOSED DEVELOPMENT.

GEOGRAPHIC LOCATION:
 LATITUDE: 37° 14' 13.91"
 LONGITUDE: 84° 13' 43.83"
 THERE ARE NO TOWERS WITHIN 1/2 MILE OF THE PROPOSED PROPERTY.



LEASE AREA
 Area = 10000 sq.ft
 0.2296 Acres

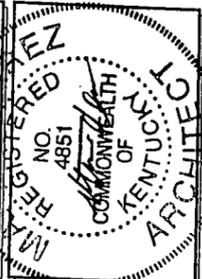
PROPOSED
 SELF-SUPPORT
 TOWER
 N:1973070.71
 E:2083221.96
 H:1211.33



CROWN
 COMMUNICATION INC.
 11001 BLUEGRASS PARKWAY
 SUITE 11230
 LOUISVILLE, KY 40299
 (502) 240-0044
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Alvar
 IDG
 ARCHITECTS AND ENGINEERS
 11001 BLUEGRASS PARKWAY
 SUITE 11330
 LOUISVILLE, KY 40299
 (502) 240-0044 EXT. 17
 (502) 240-0045 FAX

CASE NO.
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DATE 1/1/98
 ISSUE PRELIMINARY

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 CHECKED BY: *[Signature]*
 REVIEWED BY: B. G. [Signature]

SITE NUMBER
ECHO 310KY

SITE NAME
LIVINGSTON

SITE ADDRESS
 RT. 1 BOX 119V
 E. BERNSTADT, KY

SHEET TITLE

SITE LAYOUT

SHEET NUMBER

SITE PLAN NOTES

SCALE: 1" = 60'

1

A1

Z.D.

DATE	ISSUE
1/4/99	PRELIMINARY

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REVIEWED BY: *[Signature]*
SITE NUMBER

ECHO 310KY

SITE NAME

LIVINGSTON

SITE ADDRESS

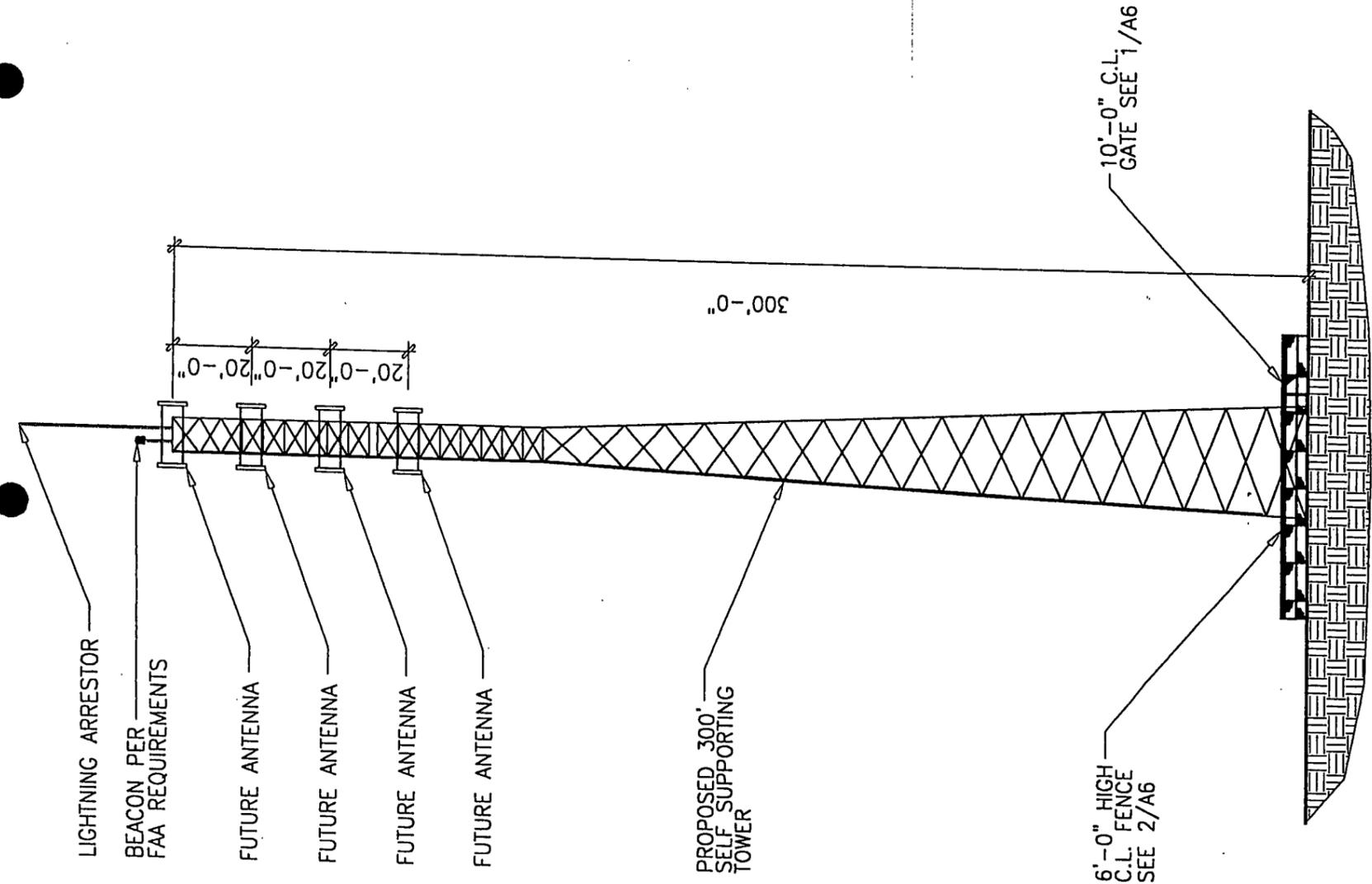
RT. 1 BOX 119V
E. BERNSTADT, KY 40729

SHEET TITLE

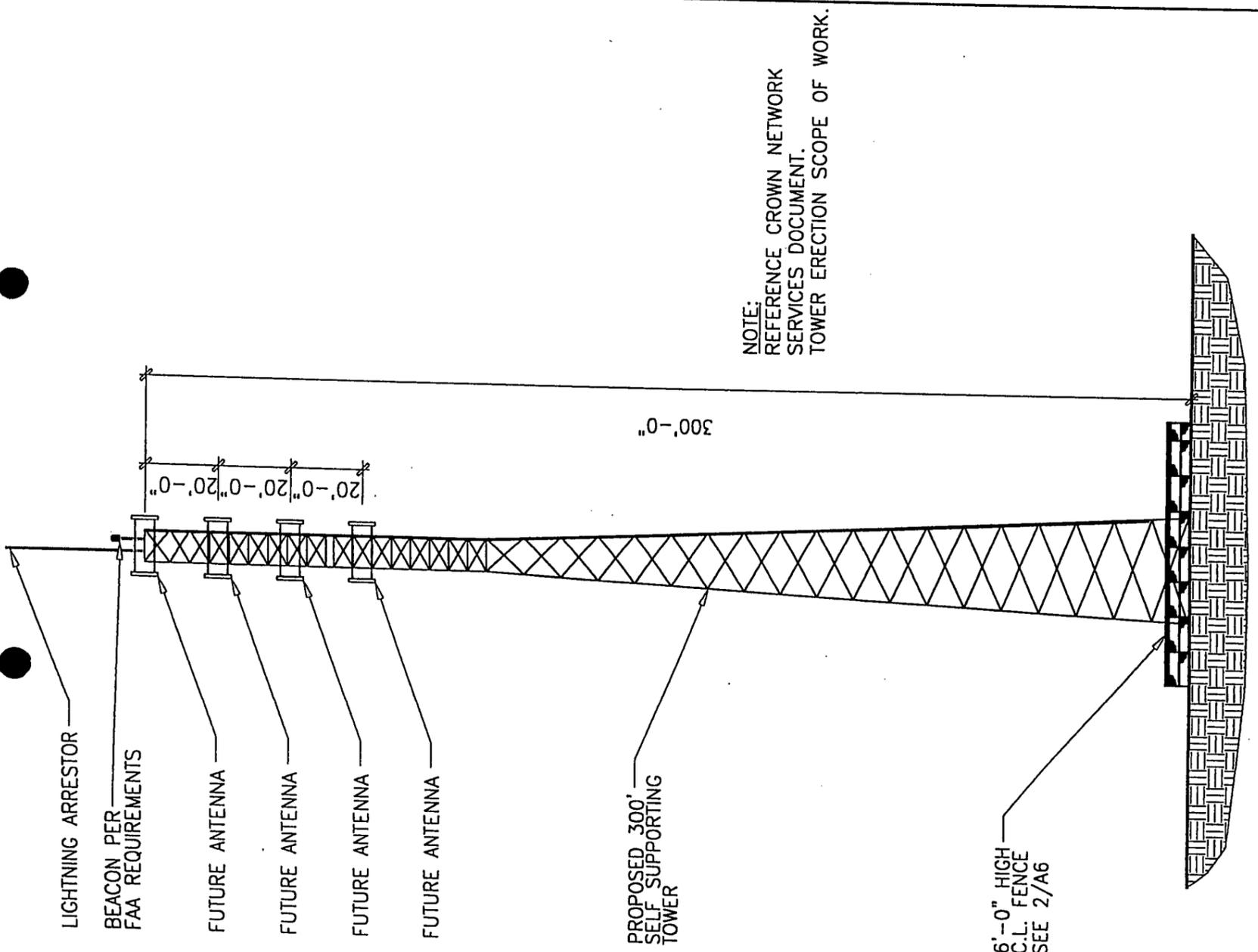
NORTH
AND
SOUTH
ELEVATIONS

SHEET NUMBER

A3



SCALE: 1"=40'-0" 2



NOTE:
REFERENCE CROWN NETWORK
SERVICES DOCUMENT.
TOWER ERECTION SCOPE OF WORK.

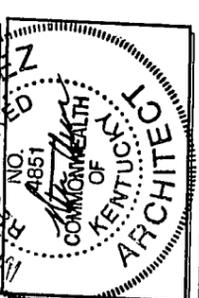
NORTH ELEVATION

SCALE: 1"=40'-0" 1

SOUTH ELEVATION

Alvar
ARCHITECTS AND ENGINEERS
11001 BLUEGRASS PARKWAY
SUITE # 330
SOUTHVILLE, KY 40299
(502) 240-0044 FAX
(502) 240-0045 FAX

CASE NO. _____
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1	1/4/99	PRELIMINARY

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REVIEWED BY: B.P./M.A.

SITE NUMBER
ECHO 310KY

SITE NAME
LIVINGSTON

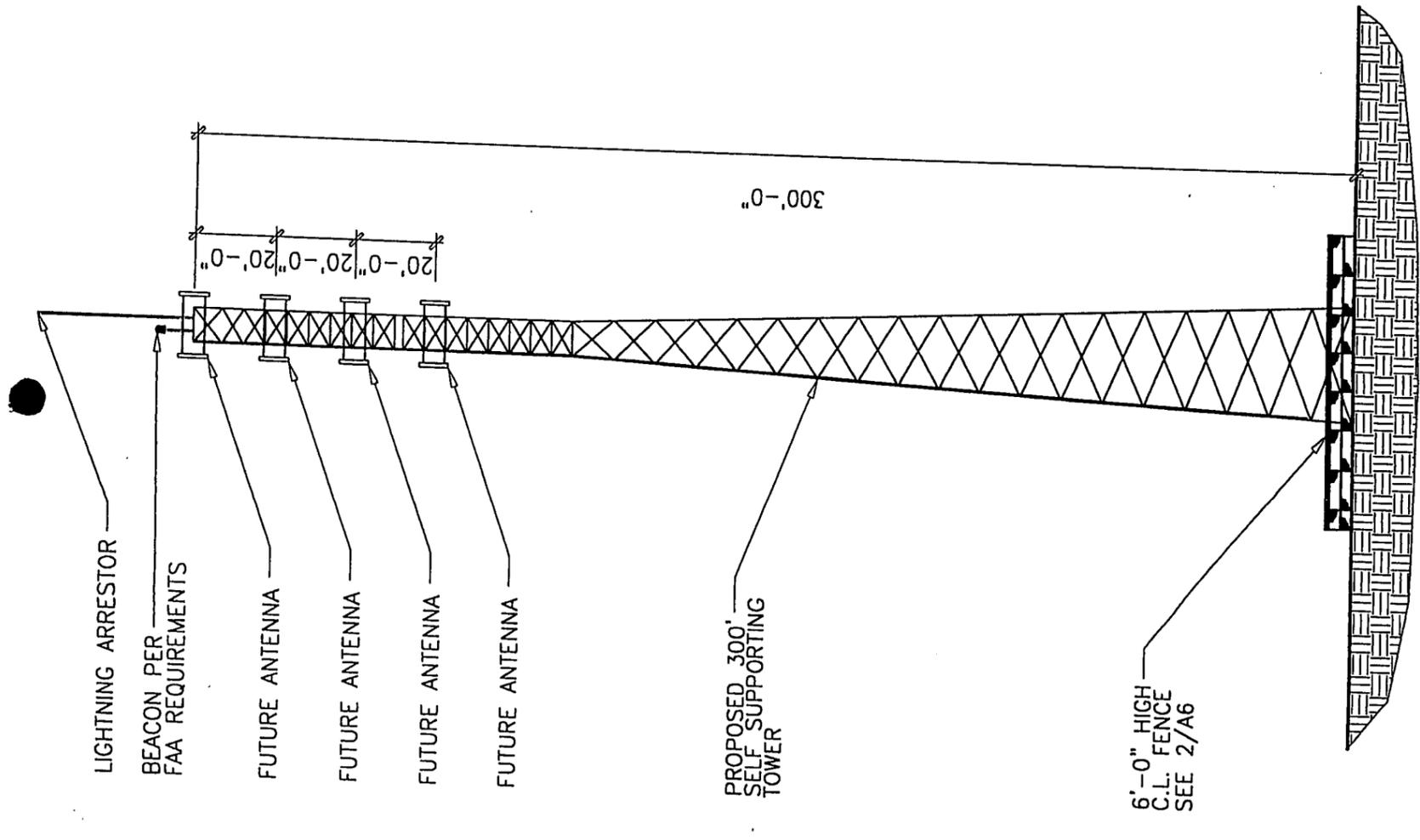
SITE ADDRESS
RT. 1 BOX 119V
E. BERNSTADT, KY 40729

SHEET TITLE

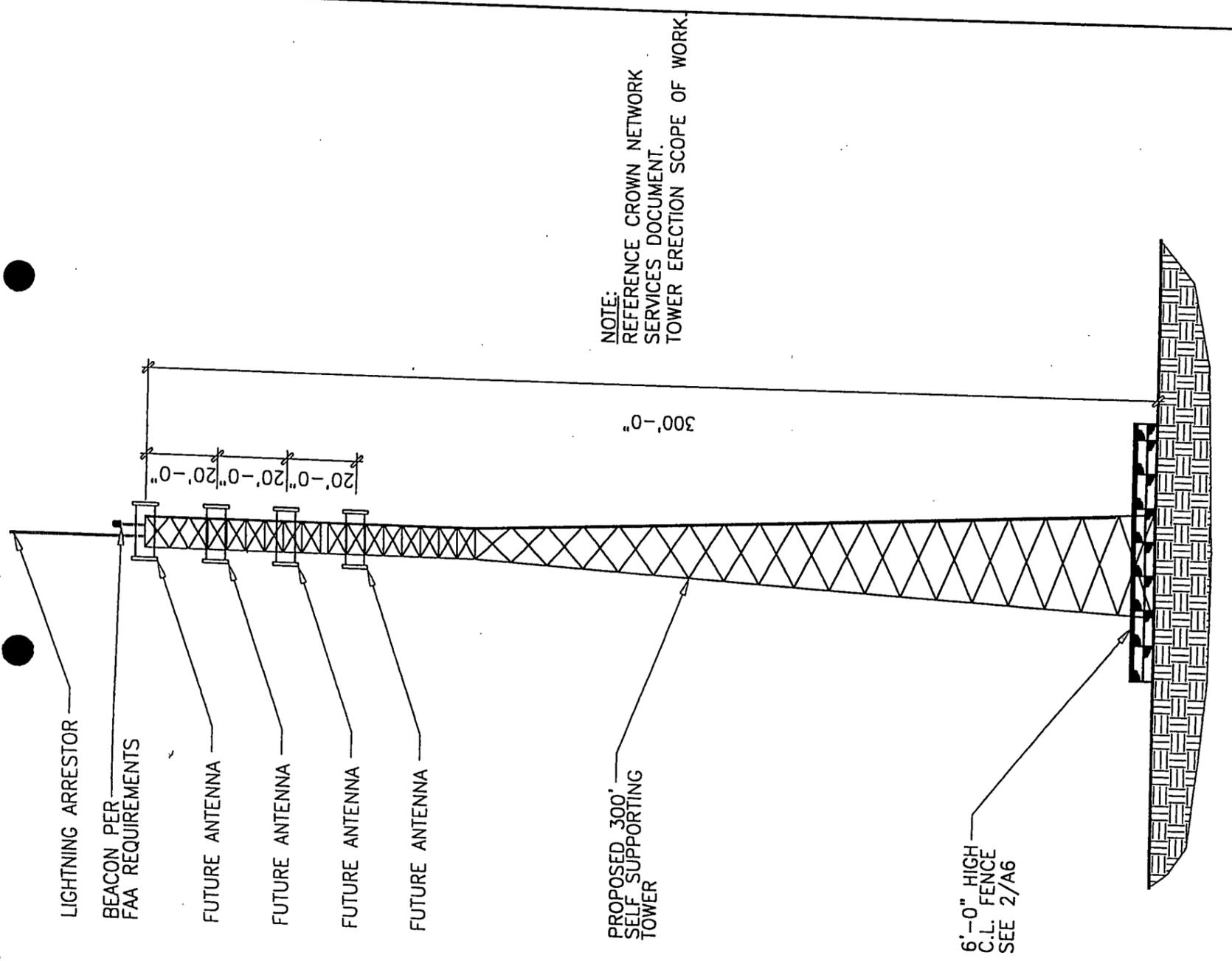
EAST AND WEST ELEVATIONS

SHEET NUMBER

A4



SCALE: 1"=40'-0" 2



NOTE:
REFERENCE CROWN NETWORK SERVICES DOCUMENT.
TOWER ERECTION SCOPE OF WORK.

EAST ELEVATION

SCALE: 1"=40'-0" 1

WEST ELEVATION

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DATE	ISSUE
1/4/99	PRELIMINARY

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CHECKED BY: *[Signature]*
REVIEWED BY: B.G. N.A.
SITE NUMBER

ECHO 310KY

SITE NAME

LIVINGSTON

SITE ADDRESS
RT. 1 BOX 119V
E. BERNSTADT, KY 40729

SHEET TITLE

SITE
WORK
DETAILS

SHEET NUMBER

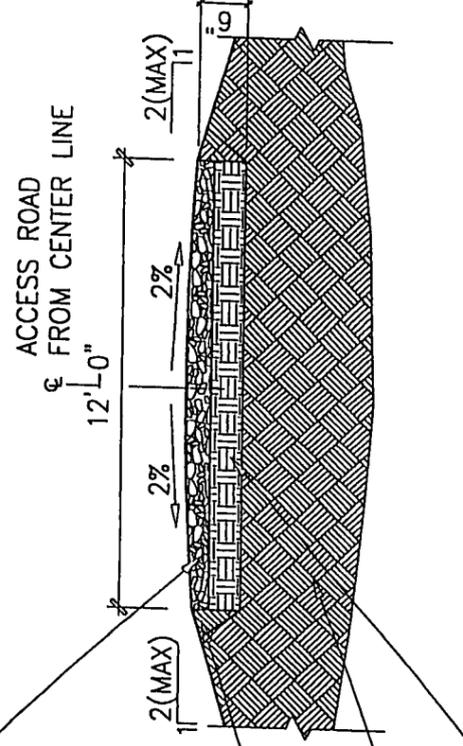
A5

2" #2A MODIFIED OR 21A GRAVEL ROLLER COMPACTED OVER KYTC TYPE III GEOTEXTILE FABRIC

FILL DISTURBED AREA SOIL

EXISTING SUBGRADE

4" #3 (OR EQUAL) ROLL AND COMPACTED @ 95% STD. PROCTOR



SCALE: N.T.S. 1
GRAVEL ACCESS ROAD

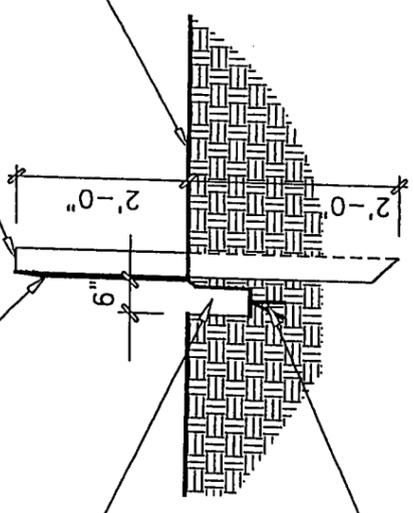
STAPLE THROUGH NYLON WASHER, 2 PER STAKE SUPAC OR MIRAFI FILTER FABRIC

TRENCH, LAY FABRIC AND BACKFILL

WIRE STAPLE

2x4 STAKE 5' O.C.

EXISTING GROUND



SCALE: N.T.S. 3
SILT FENCE

CRUSHED STONE SURFACE GRADE TO DRAIN AS SHOWN ON PLAN

CHAIN LINK FENCE

LIMITS OF CRUSHED STONE SURFACE

EXISTING GROUND GRADE TO DRAIN AWAY FROM TOWER YARD

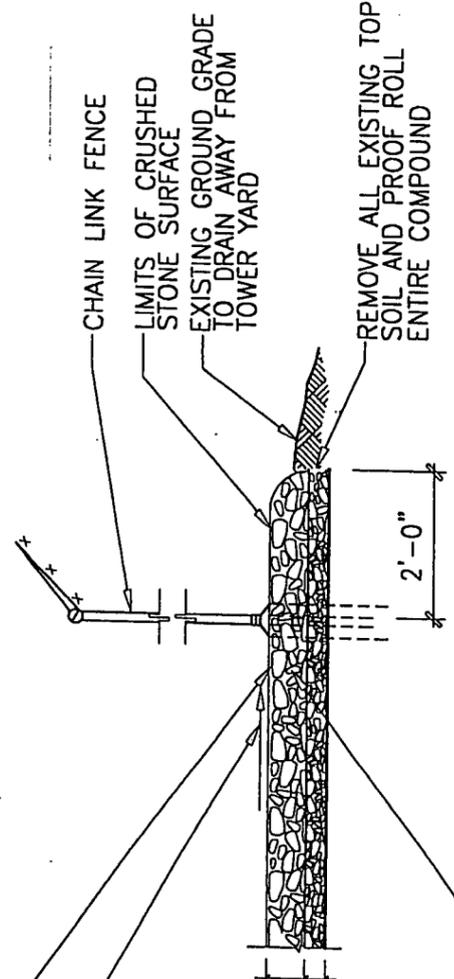
REMOVE ALL EXISTING TOP SOIL AND PROOF ROLL ENTIRE COMPOUND

2'-0"

4" OF #2A MODIFIED OVER GEOTEXTILE FABRIC W/ 2" OF CLEAN #2 OR #57 STONE

3" OF #3 FOR CONSTRUCTION

INSTALL KYTC TYPE III GEOTEXTILE FABRIC OVER BASE FOR ENTIRE COMPOUND



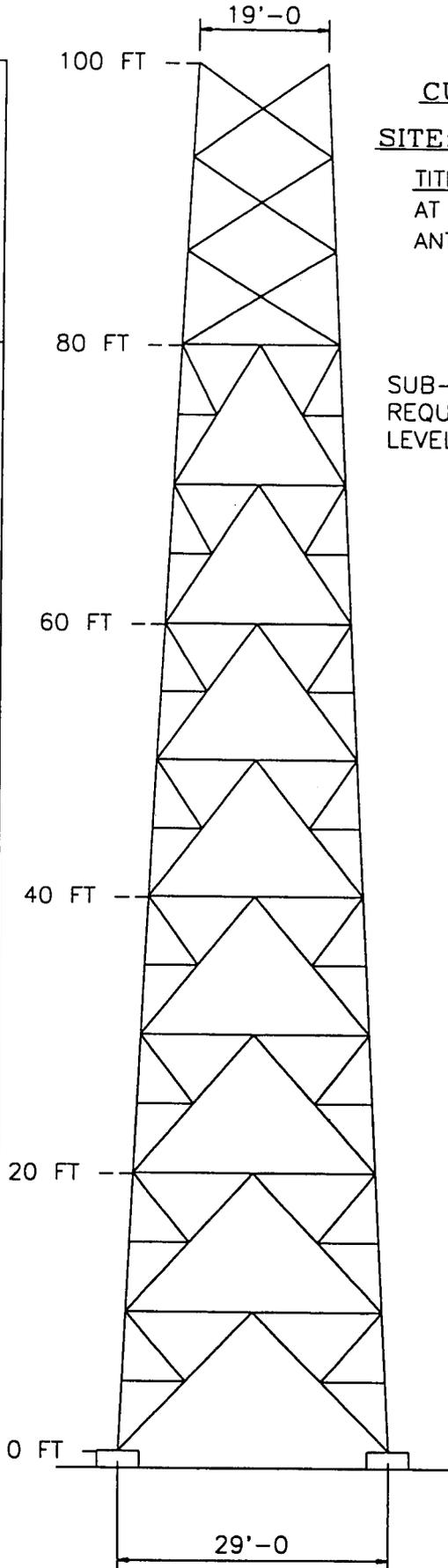
SCALE: N.T.S. 4
SECTION THROUGH TOWER YARD

NOT USED

2101 MURRAY STREET P.O. BOX 658 SIOUX CITY, IOWA 51102
 PHONE: (712) 258-6690 FAX: (712) 258-8250

NO. SA1650-S
 COVER PAGE 1
 DATE 12/14/98
 BY KJT/RWM

LEG	3.75 ϕ S.R.	
DIAGONAL	L 3.000 X 3.000 X .188	L 3.5 X 3.5 X .250
GIRTS	(2) L 3.000 X 3.000 X .188	L 3.500 X 3.500 X .250
SUB-DIAG	L 2.500 X 2.500 X .188	NONE
SUB-GIRT	L 2.500 X 2.500 X .188	NONE
INT. BRACE	L 3.500 X 3.500 X .250	NONE
SUB-INT. BRC	L 2.000 X 2.000 X .188	NONE
BAYS/SECT	4 BAYS	3 BAYS

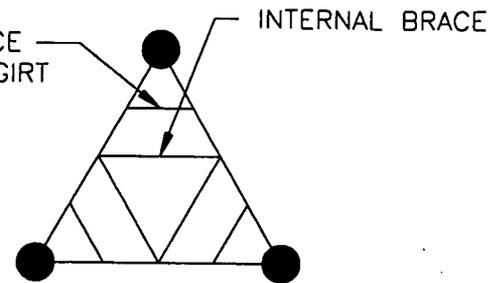


CUSTOMER: CROWN COMMUNICATIONS

SITE: LIVINGSTON KY. (ECHO 310KY-75)

TITLE: 300' MODEL S3R SELF-SUPPORTING TOWER
 AT 70 MPH WIND + 1/2" ICE PER EIA-222-F-1996.
 ANTENNA LOADING PER PAGE 1 OF STRESS ANALYSIS.

SUB-INTERNAL BRACE
 REQUIRED AT SUB-GIRT
 LEVEL ONLY



PLAN VIEW



NOTES

- 1.) ALL LEGS ARE 50 KSI
- 2.) ALL BRACES ARE 36 KSI
- 3.) ALL BOLTS EXCEPT ANCHOR BOLTS ARE A325-X OR EQUAL

BASE REACTIONS

AXIAL LOAD = 110.49 KIPS
 SHEAR PER LEG = 26.40 KIPS
 UPLIFT PER LEG = 259.77 KIPS
 COMP. PER LEG = 310.45 KIPS
 O.T. MOMENT = 7111.73 FT-KIPS



SABRE COMMUNICATIONS CORPORATION

2101 MURRAY STREET P.O. BOX 658 SIOUX CITY, IOWA 51102

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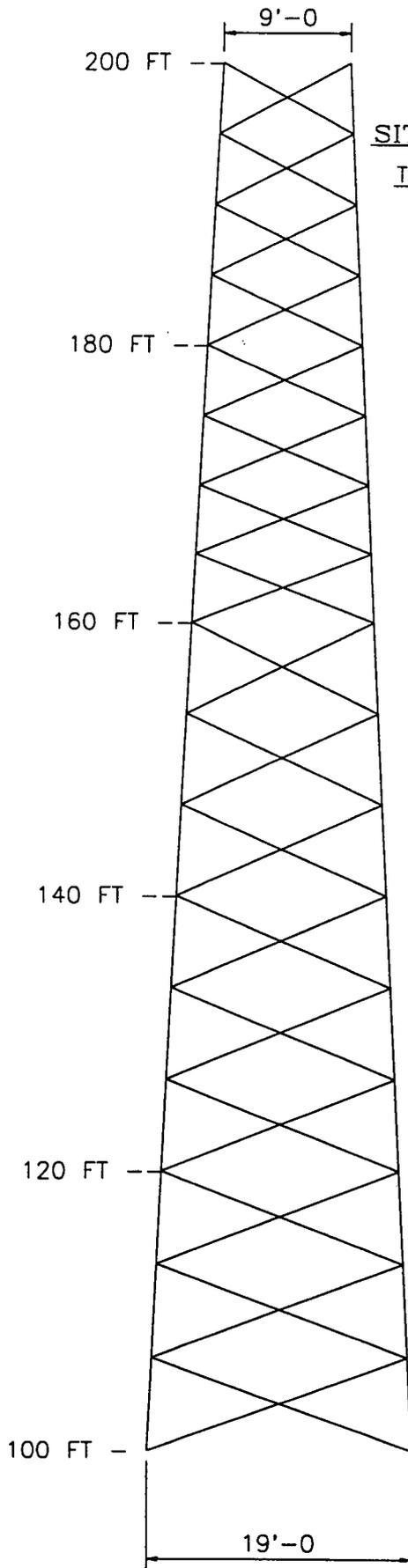
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DATE 12/14/98

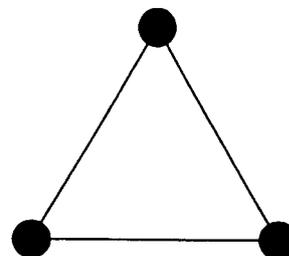
BY KJT/RWM

LEG	3.75 ϕ S.R.	3.50 ϕ S.R.	3.0 ϕ S.R.
DIAGONAL	L 3.50 X 3.50 X .250	L 3.000 X 3.000 X .188	L 2.50 X 2.50 X .188
GIRTS		NONE	NONE
SUB-DIAG		NONE	NONE
SUB-GIRT		NONE	NONE
INT. BRACE		NONE	NONE
SUB-INT. BRC		NONE	NONE
BAYS/SECT	3 BAYS	3 BAYS	4 BAYS

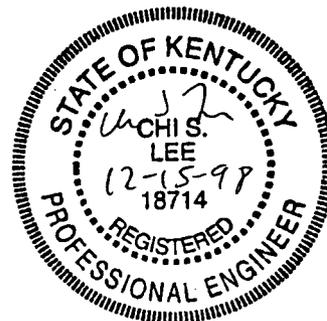


CUSTOMER: CROWN COMMUNICATIONS
SITE: LIVINGSTON KY. (ECHO 310KY-75)

TITLE: 300' MODEL S3R SELF-SUPPORTING TOWER
 AT 70 MPH WIND + 1/2" ICE PER EIA-222-F-1996.
 ANTENNA LOADING PER PAGE 1 OF STRESS ANALYSIS.



PLAN VIEW



NOTES

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- 2.) ALL BRACES ARE 36 KSI
- 3.) ALL BOLTS EXCEPT ANCHOR BOLTS ARE A325-X OR EQUAL

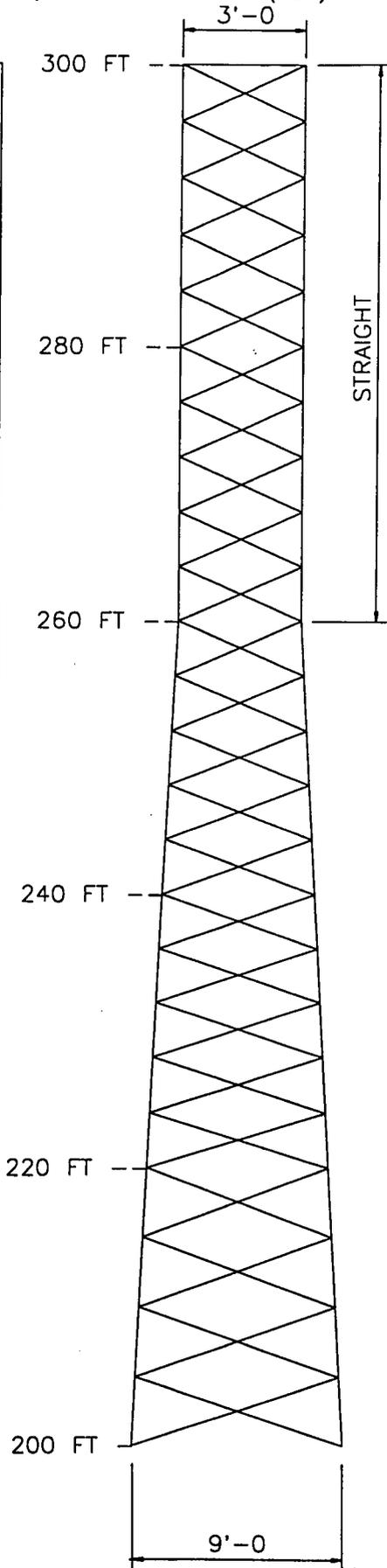


SABRE COMMUNICATIONS CORPORATION

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 PHONE: (712) 258-6690 FAX: (712) 258-8250

NO. SA1650-S
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 BY KJT/RWM

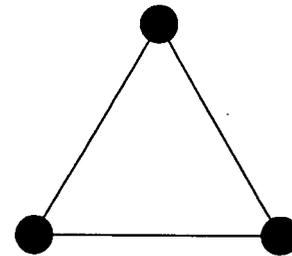
LEG	2.75 ϕ S.R.	2.5 ϕ S.R.	2.25 ϕ S.R.	1.75 ϕ S.R.
DIAGONAL	L 2.000 X 2.000 X .188	L 1.750 X 1.750 X .188	L 1.750 X 1.750 X .188	L 1.750 X 1.750 X .188
GIRTS	NONE	NONE	NONE	NONE
SUB-DIAG	NONE	NONE	NONE	NONE
SUB-GIRT	NONE	NONE	NONE	NONE
INT. BRACE	NONE	NONE	NONE	NONE
SUB-INT. BRC	NONE	NONE	NONE	NONE
BAYS/SECT	4 BAYS	5 BAYS	5 BAYS	5 BAYS



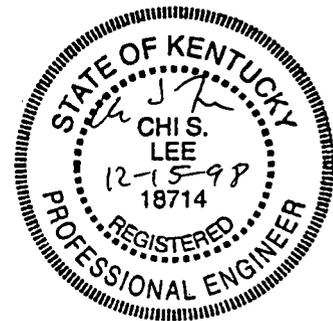
CUSTOMER: CROWN COMMUNICATIONS

SITE: LIVINGSTON KY. (ECHO 310KY-75)

TITLE: 300' MODEL S3R SELF-SUPPORTING TOWER
 AT 70 MPH WIND + 1/2" ICE PER EIA-222-F-1996.
 ANTENNA LOADING PER PAGE 1 OF STRESS ANALYSIS.



PLAN VIEW



NOTES

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SABRE COMMUNICATIONS CORPORATION

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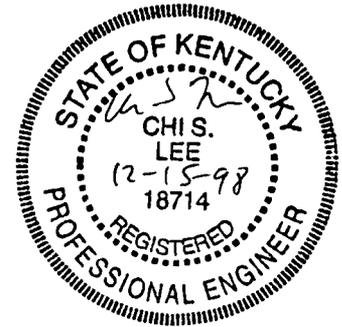
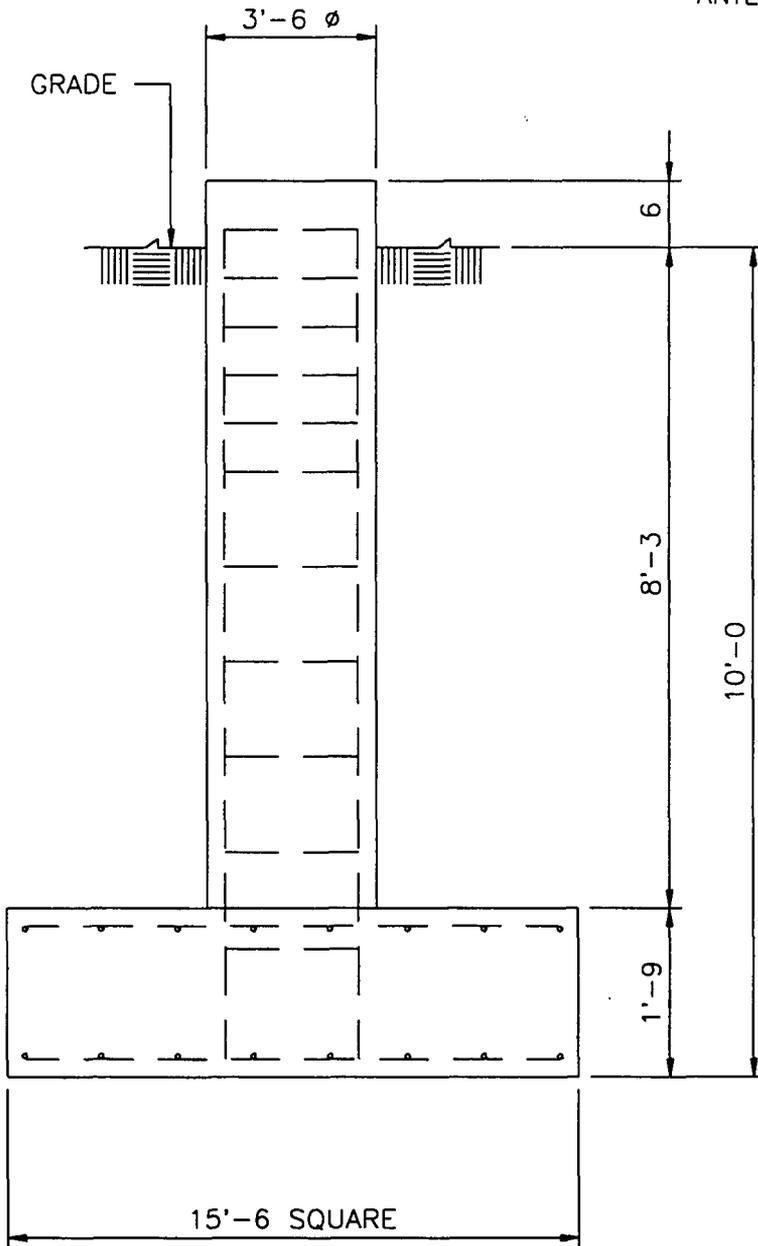
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NO. SA1650-S
COVER PAGE 4
DATE 12/14/98
BY KJT/RWM

CUSTOMER: CROWN COMMUNICATIONS

SITE: LIVINGSTON KY. (ECHO 310KY-75)

TITLE: 300' MODEL S3R SELF-SUPPORTING TOWER
AT 70 MPH WIND + 1/2" ICE PER EIA-222-F-1996.
ANTENNA LOADING PER PAGE 1 OF STRESS ANALYSIS.



NOTES

- 1). MINIMUM CONCRETE COMPRESSIVE STRENGTH = 3000 PSI.
- 2). REBARS PER ASTM A615 GR. 60.
- 3). FOUNDATION DESIGN IS BASED UPON SOILS REPORT BY ATC ASSOCIATES INC. #13000.8G20 DATED 11/25/98
- 4). USE (8) 1 1/2 (50 KSI) ANCHOR BOLTS WITH 1/2" THK. TEMPLATE AT TOP AND BOTTOM OF ANCHOR BOLTS PER LEG.
- 5). 3" MINIMUM CONCRETE COVER.
- 6). SEE SOILS REPORT FOR FILL AND COMPACTION REQUIREMENTS.

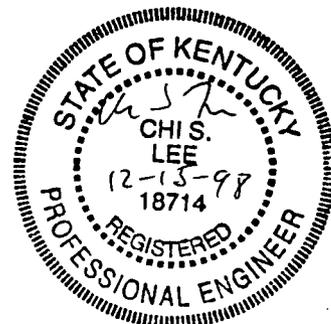
PAD AND PIER
(18.69 CU. YDS. EACH)

REBAR SCHEDULE PER PAD & PIER	
PIER	(16) #7 V-BARS W/#3 TIES AT 12" C/C
PAD	(22) #7 REBAR EVENLY SPACED EACH WAY TOP AND BOTTOM.

300' S3R CROWN COMM LIVINGSTON KY (ECHO 310KY-75) 12-11-98 KJT
 70 MPH WIND + .5 IN ICE PER EIA-222-F-1996
 6-OVER-6 W.G. & CLIMBING LADDER
 INPUT DATA FILE SA1650S.DAT

*** TRIANGULAR TOWER ***

TOWER HEIGHT (ft.) = 300
 WIND SPEED (mph) = 70
 RADIAL ICE (in.) = 0
 No. OF LEGS = 3



No. OF WIND LOAD LEVEL(S) = 15

FROM	TO	WIND LOAD
300 ft.	280 ft.	25 psf
280 ft.	260 ft.	25 psf
260 ft.	240 ft.	24 psf
240 ft.	220 ft.	24 psf
220 ft.	200 ft.	23 psf
200 ft.	180 ft.	22 psf
180 ft.	160 ft.	22 psf
160 ft.	140 ft.	21 psf
140 ft.	120 ft.	20 psf
120 ft.	100 ft.	19 psf
100 ft.	80 ft.	18 psf
80 ft.	60 ft.	17 psf
60 ft.	40 ft.	15 psf
40 ft.	20 ft.	14 psf
20 ft.	0 ft.	14 psf

*** ANTENNA LOADING DATA ***

PROJ. AREA	WIND LOAD	DEAD LOAD	ANTENNA ELEV.	DESCRIPTION OF LOADING
ft ²	kips	kips	ft.	
70.0	1.79	2.70	300	(12) ALP9212 ANTENNAS + MOUNT
70.0	1.76	2.70	280	(12) ALP9212 ANTENNAS + MOUNT
70.0	1.72	2.70	260	(12) ALP9212 ANTENNAS + MOUNT
114.0	2.74	1.20	240	(2) 8' HP DISHES

*** UNIFORM LOADING ***

FROM (ft)	TO (ft)	PROJECTED AREA (sq. ft./ft)*	DEAD LOAD (k/ft.)	DESCRIPTION
300	0	0.58	0.015	W.G. & CLIMBING LADDERS
300	0	1.05	0.012	(12) 1 5/8 LINES
280	0	0.04	0.012	(12) 1 5/8 LINES
260	0	0.06	0.002	(12) 1 5/8 LINES
240	0	0.25	0.004	W.G. LADDER
240	0	0.12	0.012	(2) 1 5/8 LINES

* EQUIV. AREAS FOR LINES CONSIDERED AS STRUCTURE

300' S3R CROWN COMM LIVINGSTON KY (ECHO 310KY-75) 12-11-98 KJT
 70 MPH WIND + .5 IN ICE PER EIA-222-F-1996
 6-OVER-6 W.G. & CLIMBING LADDER
 INPUT DATA FILE SA1650S.DAT

*** TOWER MEMBER DATA ***

FROM ELEV. 300 ft. TO 0 ft. Fy OF LEGS = 50 ksi
 FROM ELEV. 300 ft. TO 0 ft. Fy OF DIAGONALS AND GIRTS = 36 ksi

ELEVATION FROM ft	TO ft	TOWER'S LEG SIZE	DIAG. CONFIG.	K-VALUE	L in.	r in.	AREA in2	KL/r	Fa OR Ft ksi	ALLOW LOAD kips
300	280	1.75 ROD	XC	1.0	48.0	0.44	2.41	110	12.43	29.97
280	260	2.25 ROD	XC	1.0	48.0	0.56	3.98	85	17.94	71.40
260	240	2.25 ROD	XC	1.0	48.0	0.56	3.98	85	17.94	71.40
240	220	2.5 ROD	XC	1.0	48.0	0.63	4.91	77	19.64	96.45
220	200	2.75 ROD	XC	1.0	60.0	0.69	5.94	87	17.53	104.14
200	180	3.0 ROD	XC	1.0	60.0	0.75	7.07	80	19.01	134.42
180	160	3.0 ROD	XC	1.0	60.0	0.75	7.07	80	19.01	134.42
160	140	3.5 ROD	XC	1.0	80.0	0.88	9.62	91	16.63	159.97
140	120	3.5 ROD	XC	1.0	80.0	0.88	9.62	91	16.63	159.97
120	100	3.75 ROD	XC	1.0	80.0	0.94	11.10	85	17.93	199.07
100	80	3.75 ROD	XC	1.0	80.0	0.94	11.10	85	17.93	199.07
80	60	3.75 ROD	KG2	1.0	60.0	0.94	11.10	64	22.03	244.52
60	40	3.75 ROD	KG2	1.0	60.0	0.94	11.10	64	22.03	244.52
40	20	3.75 ROD	KG2	1.0	60.0	0.94	11.10	64	22.03	244.52
20	0	3.75 ROD	KG2	1.0	60.0	0.94	11.10	64	22.03	244.52

ELEVATION FROM ft	TO ft	TOWER'S DIAGONAL SIZE	DIAG. CONFIG.	K-VALUE	L in.	r in.	AREA in2	KL/r	Fa OR Ft ksi	ALLOW LOAD kips
300	280	L1.75X1.75X3/16	XC	1.0	27.0	0.34	0.62	79	15.50	9.63
280	260	L1.75X1.75X3/16	XC	1.0	26.5	0.34	0.62	77	15.66	9.72
260	240	L1.75X1.75X3/16	XC	1.0	34.5	0.34	0.62	101	12.89	8.00
240	220	L1.75X1.75X3/16	XC	1.0	43.8	0.34	0.62	128	9.15	5.68
220	200	L2X2X3/16	XC	1.0	56.4	0.39	0.71	143	7.30	5.22
200	180	L2X2X3/16	XC	1.0	66.4	0.39	0.71	168	5.26	3.76
180	160	L2.5X2.5X3/16	XC	1.0	76.9	0.50	0.90	155	6.18	5.57
160	140	L3X3X3/16	XC	1.0	90.7	0.60	1.09	152	6.45	7.03
140	120	L3X3X3/16	XC	1.0	101.3	0.60	1.09	170	5.17	5.64
120	100	L3.5X3.5X1/4	XC	1.0	111.8	0.69	1.69	161	5.75	9.73
100	80	L3.5X3.5X1/4	XC	1.0	122.7	0.69	1.69	177	4.78	8.08
80	60	L3X3X3/16	KG2	1.0	83.7	0.60	1.09	141	7.56	8.24
60	40	L3X3X3/16	KG2	1.0	88.1	0.60	1.09	148	6.83	7.44
40	20	L3X3X3/16	KG2	1.0	92.7	0.60	1.09	156	6.17	6.73
20	0	L3X3X3/16	KG2	1.0	97.3	0.60	1.09	163	5.60	6.10

ELEVATION FROM ft	TO ft	TOWER'S GIRT SIZE	DIAG. CONFIG.	K-VALUE	L in.	r in.	AREA in2	KL/r	Fa OR Ft ksi	ALLOW LOAD kips
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300	280	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
280	260	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
260	240	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
240	220	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
220	200	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
200	180	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
180	160	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
160	140	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
140	120	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
120	100	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
100	80	NONE	XC	1.0	0.0	0.00	0.00	0	0.00	0.00
80	60	L3.5X3.5X1/4	KG2	1.0	124.1	0.69	1.69	179	4.67	7.89
60	40	L3.5X3.5X1/4	KG2	1.0	135.8	0.69	1.69	196	3.90	6.59
40	20	2-L3X3X3/16	KG2	1.0	147.4	0.94	2.18	157	6.06	13.22
20	0	2-L3X3X3/16	KG2	1.0	159.0	0.94	2.18	169	5.21	11.35

300' S3R CROWN COMM LIVINGSTON KY (ECHO 310KY-75) 12-11-98 KJT
 70 MPH WIND + .5 IN ICE PER EIA-222-F-1996
 6-OVER-6 W.G. & CLIMBING LADDER
 INPUT DATA FILE SA1650S.DAT

*** TOWER SECTION DATA ***

NOTE: UNIFORM WIND & DEAD LOADS INCLUDE SECTION & LINEAR ATTACHMENT

SPAN ELEV ft	FACE TOP ft	WIDTH BOTTOM ft	UNIFORM WIND LOAD k/ft	UNIFORM DEAD LOAD k/ft	ANT'S LOAD kips	LEG AREA in2	TORQUE ft-k
300	3.00	3.00	0.077	0.079	5.40	2.41	0.0
280	3.00	3.00	0.079	0.097	2.70	3.98	0.0
260	3.00	5.00	0.091	0.115	1.20	3.98	0.0
240	5.00	7.00	0.100	0.129	0.00	4.91	0.0
220	7.00	9.00	0.107	0.145	0.00	5.94	0.0
200	9.00	11.00	0.113	0.161	0.00	7.07	0.0
180	11.00	13.00	0.130	0.176	0.00	7.07	0.0
160	13.00	15.00	0.134	0.206	0.00	9.62	0.0
140	15.00	17.00	0.137	0.212	0.00	9.62	0.0
120	17.00	19.00	0.152	0.268	0.00	11.10	0.0
100	19.00	21.00	0.152	0.278	0.00	11.10	0.0
80	21.00	23.00	0.166	0.272	0.00	11.10	0.0
60	23.00	25.00	0.159	0.283	0.00	11.10	0.0
40	25.00	27.00	0.141	0.305	0.00	11.10	0.0
20	27.00	29.00	0.148	0.320	0.00	11.10	0.0

ELEVATION FROM	TO	SECTION I.D.	STEEL WT. (kips/ft)
300	280	S3R-0HA	0.040
280	260	S3R-0XXHA	0.056
260	240	S3R-TRAN4	0.058
240	220	S3R-2HA	0.072
220	200	S3R-3HA	0.088
200	180	S3R-4HA	0.104
180	160	S3R-5HA	0.119
160	140	S3R-6HA	0.149
140	120	S3R-7A	0.155
120	100	S3R-8A	0.211
100	80	S3R-9A	0.221
80	60	S3R-10A	0.215
60	40	S3R-11A	0.226
40	20	S3R-12A	0.248
20	0	S3R-13LA	0.263

300' S3R CROWN COMM LIVINGSTON KY (ECHO 310KY-75) 12-11-98 KJT
 70 MPH WIND + .5 IN ICE PER EIA-222-F-1996
 6-OVER-6 W.G. & CLIMBING LADDER
 INPUT DATA FILE SA1650S.DAT

*** RESULTS OF STRESS ANALYSIS ***

ELEVATION FROM ft	TO ft	CONFIG. OF DIAG	NO. OF PANELS	MOMENT OF INERTIA	ACCUM'D DEFLECTION ft	ACCUM'D SWAY deg	ACCUM'D TWIST deg
300	280	XC	5	10.85	3.496	1.831	0.000
280	260	XC	5	17.91	3.190	1.770	0.000
260	240	XC	5	31.84	2.901	1.709	0.000
240	220	XC	5	88.38	2.631	1.647	0.000
220	200	XC	4	190.08	2.378	1.584	0.000
200	180	XC	4	353.50	2.142	1.520	0.000
180	160	XC	4	509.04	1.923	1.454	0.000
160	140	XC	3	942.76	1.689	1.375	0.000
140	120	XC	3	1231.36	1.474	1.293	0.000
120	100	XC	3	1798.20	1.205	1.174	0.000
100	80	XC	3	2220.00	0.962	1.047	0.000
80	60	KG2	4	2686.20	0.702	0.882	0.000
60	40	KG2	4	3196.80	0.432	0.661	0.000
40	20	KG2	4	3751.80	0.149	0.336	0.000
20	0	KG2	4	4351.20	0.022	0.093	0.000

ELEV ft	WIND SHEAR k	SHEAR PER FACE k	SHEAR RESISTED BY LEG k	TORQUE SHEAR k	NET SHEAR k	DIAGONAL LOAD k	GIRT LOAD k
300	5.09	3.40	0.00	0.00	3.40	2.83	0.00
280	8.39	5.60	0.00	0.00	5.60	4.66	0.00
260	12.95	7.47	4.10	0.00	3.38	1.91	0.00
240	14.94	8.62	5.23	0.00	3.39	1.75	0.00
220	17.07	9.85	6.12	0.00	3.73	1.96	0.00
200	19.34	11.16	6.92	0.00	4.24	2.15	0.00
180	21.94	12.66	7.69	0.00	4.97	2.49	0.00
160	24.61	14.20	8.45	0.00	5.75	2.97	0.00
140	27.35	15.78	9.22	0.00	6.56	3.34	0.00
120	30.38	17.53	10.01	0.00	7.52	3.80	0.00
100	33.43	19.29	10.81	0.00	8.48	4.26	0.00
80	36.75	21.21	11.63	0.00	9.57	6.19	4.79
60	39.93	23.04	12.47	0.00	10.57	6.60	5.28
40	42.76	24.67	13.32	0.00	11.36	6.90	5.68
20	45.72	26.38	14.16	0.00	12.22	7.25	6.11

300' S3R CROWN COMM LIVINGSTON KY (ECHO 310KY-75) 12-11-98 KJT
 70 MPH WIND + .5 IN ICE PER EIA-222-F-1996
 6-OVER-6 W.G. & CLIMBING LADDER
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*** RESULTS OF STRESS ANALYSIS ***

SPAN ELEV ft.	BASE SPREAD ft.	OVERTURNING MOMENT ft-k	AXIAL LOAD kips	COMPRESSION PER LEG kips	UPLIFT PER LEG kips
280	3.00	51.26	6.98	22.06	17.40
260	3.00	168.85	11.62	68.86	61.12
240	5.00	354.85	15.11	86.99	76.91
220	7.00	633.79	17.70	110.45	98.65
200	9.00	953.93	20.59	129.26	115.53
180	11.00	1318.04	23.82	146.30	130.42
160	13.00	1730.78	27.34	162.85	144.62
140	15.00	2196.25	31.46	179.56	158.58
120	17.00	2715.89	35.70	196.38	172.58
100	19.00	3293.27	41.07	213.84	186.46
80	21.00	3931.43	46.63	231.72	200.63
60	23.00	4633.25	52.07	249.97	215.26
40	25.00	5400.06	57.73	268.67	230.18
20	27.00	6226.94	63.82	287.59	245.04
0	29.00	7111.73	70.23	306.59	259.77

*** BASE REACTIONS ***

SHEAR PER LEG kips	MAX. UPLIFT PER LEG kips	MAX. COMP. PER LEG kips	OVERTURNING MOMENT ft-k	ESTIMATED STEEL WEIGHT kips
26.40	259.77	306.59	7111.73	48.92

(8) 1 1/2" ϕ A36 ANCHOR BOLTS/LEG

300' S3R CROWN COMM LIVINGSTON KY (ECHO 310KY-75) 12-11-98 KJT
 70 MPH WIND + .5 IN ICE PER EIA-222-F-1996
 6-OVER-6 W.G. & CLIMBING LADDER
 INPUT DATA FILE SA1650S.DAT

SUMMARY OF STRESS RATIOS:-

NOTE:- DESIGN LOAD OF REDUNDANTS = 1.5% OF LEG LOAD

ELEVATION FROM ft	TO ft	SECTION I.D.	MEMBER OF TOWER	TOWER MEMBER SIZE	MEMBER LOAD (kips)	ALLOW. LOAD (kips)	COMBINED STRESS RATIO
300	280	S3R-0HA	LEG	1.75 ROD	22.06	29.97	0.74
			DIAG	L1.75X1.75X3/16	2.83	9.63	0.29
280	260	S3R-0XXHA	LEG	2.25 ROD	68.86	71.40	0.96
			DIAG	L1.75X1.75X3/16	4.66	9.72	0.48
260	240	S3R-TRAN4	LEG	2.25 ROD	86.99	71.40	1.22
			DIAG	L1.75X1.75X3/16	1.91	8.00	0.24
240	220	S3R-2HA	LEG	2.5 ROD	110.45	96.45	1.15
			DIAG	L1.75X1.75X3/16	1.75	5.68	0.31
220	200	S3R-3HA	LEG	2.75 ROD	129.26	104.14	1.24
			DIAG	L2X2X3/16	1.96	5.22	0.37
200	180	S3R-4HA	LEG	3.0 ROD	146.30	134.42	1.09
			DIAG	L2X2X3/16	2.15	3.76	0.57
180	160	S3R-5HA	LEG	3.0 ROD	162.85	134.42	1.21
			DIAG	L2.5X2.5X3/16	2.49	5.57	0.45
160	140	S3R-6HA	LEG	3.5 ROD	179.56	159.97	1.12
			DIAG	L3X3X3/16	2.97	7.03	0.42
140	120	S3R-7A	LEG	3.5 ROD	196.38	159.97	1.23
			DIAG	L3X3X3/16	3.34	5.64	0.59
120	100	S3R-8A	LEG	3.75 ROD	213.84	199.07	1.07
			DIAG	L3.5X3.5X1/4	3.80	9.73	0.39

300' S3R CROWN COMM LIVINGSTON KY (ECHO 310KY-75) 12-11-98 KJT
 70 MPH WIND + .5 IN ICE PER EIA-222-F-1996
 6-OVER-6 W.G. & CLIMBING LADDER
 INPUT DATA FILE SA1650S.DAT

SUMMARY OF STRESS RATIOS:-

ELEVATION FROM ft	TO ft	SECTION I.D.	MEMBER OF TOWER	TOWER MEMBER SIZE	MEMBER LOAD (kips)	ALLOW. LOAD (kips)	COMBINED STRESS RATIO
100	80	S3R-9A	LEG	3.75 ROD	231.72	199.07	1.16
			DIAG	L3.5X3.5X1/4	4.26	8.08	0.53
80	60	S3R-10A	LEG	3.75 ROD	249.97	244.52	1.02
		*	DIAG	L3X3X3/16	6.19	8.24	0.75
			GIRT	L3.5X3.5X1/4	4.79	7.89	0.61
60	40	S3R-11A	LEG	3.75 ROD	268.67	244.52	1.10
		*	DIAG	L3X3X3/16	6.60	7.44	0.89
			GIRT	L3.5X3.5X1/4	5.28	6.59	0.80
40	20	S3R-12A	LEG	3.75 ROD	287.59	244.52	1.18
		*	DIAG	L3X3X3/16	6.90	6.73	1.02
			GIRT	2-L3X3X3/16	5.68	13.22	0.43
20	0	S3R-13LA	LEG	3.75 ROD	306.59	244.52	1.25
		*	DIAG	L3X3X3/16	7.25	6.10	1.19
			GIRT	2-L3X3X3/16	6.11	11.35	0.54

* SEE ICE RUN FOR REDUNDANT SIZES

Exhibit E

COMPETING UTILITIES, CORPORATIONS OR PERSONS

- NextWave
- Powertel
- Mercury PCS II
- BellSouth Wireless Cable, Inc.
- BellSouth Mobility, Inc.
- GTE Mobilenet, Inc.
- AT&T Wireless
- SPRINT PCS
- APEX
- SBA
- American Tower

Exhibit F – Collocation Report

Exhibit F – Collocation Report

Site: 310KY Livingston

Other towers within 2 miles: none

Exhibit G - Application to FAA Approval

310 KY-75 LIVINGSTON

Form Approved OMB NO. 2120-0001



Notice of Proposed Construction or Alteration

Aeronautical Study Number

1. Nature of Proposal		2. Complete Description of Structure	
A. Type <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration *	B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months)	C. Work Schedule Dates Beginning <u>02/03/1999</u> End <u>05/03/1999</u>	
* If Alteration, provide previous FAA Aeronautical Study Number, if available:			
3A. Name, address, and telephone number of individual, company corporation, etc. proposing the construction or alteration. (Number, Street, City, State, and Zip Code) Kristen Weide Crown Communication Inc. 375 Southpointe Blvd. Canonsburg, PA 15317 (724) 416-2247 Area Code Telephone Number		Please describe the proposed construction or alteration. A. For proposals involving transmitting stations, include effective radiated power (ERP) and assigned frequency. If not known, give frequency band and maximum ERP. B. For proposals involving overhead wire, transmission lines, etc., include the size and the configuration of the wires and their supporting structures. C. For buildings, include site orientation, dimensions, and construction materials of the proposed or altered structure. D. Optional— Describe the type of obstruction marking and lighting system desired. The FAA will consider this in their study.	
3B. Name, address and telephone number of proponent's representative, if different than 3A. above. Area Code Telephone Number		See Attached	

4. Location Of Structure		5. Height and Elevation (to nearest foot)	
A. Coordinates (to hundredths of seconds, if known) Latitude 01 " 37 14 13.91 Longitude 01 " 084 13 43.83	B. Nearest City or Town and State Livingston, KY	C. Nearest public or military airport, heliport, flightpark, or seaplane base LOZ: LONDON-CORBIN ARPT-MAGEE FL	A. Elevation of site above mean sea level. 01211
4D. Source of coordinate information for item 4A. above. <input type="checkbox"/> USGS 7.5' Quad Chart <input checked="" type="checkbox"/> Survey <input type="checkbox"/> Other Specify	(1). Distance to 4B 4 statute miles	(1). Distance from structure to nearest point of nearest runway 11.571 nm	B. Height of structure including all appurtenances and lighting above ground or water. 0375
Indicate the reference datum. <input type="checkbox"/> NAD 27 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> Other Specify	(2). Direction to 4B 6 degrees	(2). Direction from structure to airport 140.97 degrees	C. Overall height above mean sea level (A + B) 01586
4E. Description of site location with respect to highways, streets, airports, prominent terrain, features, existing structures, etc. Please attach a U.S. Geological Survey Map (or equivalent) showing the construction site. If available, attach a copy of a documented site survey with the surveyor's certification.			

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. § 1501). Persons who knowingly and willfully violate the Notice requirements of Part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to Section 901(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. § 1471(a)) as well as the fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. § 1472(a)).

I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date 11-03-1998	Typed or Printed Name and Title of Person Filing Notice Kristen Weide/Regulatory Coordinator	Signature <i>Kristen Weide</i>
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FOR FAA USE ONLY FAA will either return this form or issue a separate acknowledgment.

The Proposal: <input type="checkbox"/> Does not require a notice to FAA. <input checked="" type="checkbox"/> Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to navigation. <input type="checkbox"/> Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to navigation. <input type="checkbox"/> Should be obstruction: <input type="checkbox"/> marked <input type="checkbox"/> lighted per FAA Advisory Circular 70/7460-1, Chapters _____ <input type="checkbox"/> Obstruction marking and lighting are not necessary.	Supplemental Notice of Construction, FAA Form 7460-2, is required any time the project is abandoned, or <input type="checkbox"/> At least 48 hours before the start of construction. <input type="checkbox"/> Within five days after the construction reaches its greatest height. This determination expires on _____ unless: (a) extended, revised or terminated by the issuing office; (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit is made to the FCC on or before the above expiration date. In such cases, the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application. NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date. If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that agency.
--	--

Remarks

NAD 83 Coordinates (Use these coordinates for any future correspondence with the FAA)	Latitude	Longitude
Issued In	Signature	Date

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

Latitude:	37-14-13.91
Longitude:	084-13-43.83

Aeronautical Study Number

2. COMPLETE DESCRIPTION OF STRUCTURE AT: Livingston, KY

A. For proposals involving transmitting stations, including effective radiated power (ERP) and assigned frequency. If not known, give frequency band and maximum ERP.

See Attachment

B. For proposals involving overhead wire, transmission lines, etc., include the size and the configuration of the wires and their supporting structures.

C. For Buildings, include site orientation, dimensions, and construction materials.

Site is to include a wireless communication tower and equipment building.

D. Optional - Describe the type of obstruction marking and lighting system desired. The FAA will consider this in their study.

Dual lighting in accordance with Advisory Circular 70/7460-1J, Chapters 4, 8, 13.

4. LOCATION OF STRUCTURE

4E. Description of site location with respect to highways, street, airports, prominent terrain, features, existing structures, etc. Please attach a U.S. Geological Survey Map (or equivalent) showing the construction site. If available, attach a copy of a documented site survey with the surveyor's certification.

Please see attached USGS quad map.

310 KY-75/LIVINGSTON

Federal Aviation Administration
Southern Region
Air Traffic Division, ASO-520
P. O. Box 20636
Atlanta, GA 30320

ACKNOWLEDGEMENT OF NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

CITY	STATE	LATITUDE/LONGITUDE		MSL	AGL	AMSL
LIVINGSTON	KY	37-14-13.91	084-13-43.83	1211	375	1586

CROWN COMMUNICATION INC.
KRISTEN WEIDE
375 SOUTHPOINTE BLVD.
CANONSBURG, PA 15317

AERONAUTICAL STUDY
No: 98-ASO-7246-OE

Type Structure: ANTENNA TOWER SEE FREQUENCIES ON PAGE 2

The Federal Aviation Administration hereby acknowledges receipt of notice dated 11/12/98 concerning the proposed construction or alteration contained herein.

A study has been conducted under the provisions of Part 77 of the Federal Aviation Regulations to determine whether the proposed construction would be an obstruction to air navigation, whether it should be marked and lighted to enhance safety in air navigation, and whether supplemental notice of start and completion of construction is required to permit timely charting and notification to airmen. The findings of that study are as follows:

The proposed construction would not exceed FAA obstruction standards and would not be a hazard to air navigation. However, the following applies to the construction proposed:

The structure should be obstruction marked and lighted per FAA Advisory Circular AC 70/7460-1J, 'Obstruction Marking and Lighting. CHAPTERS: -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13. Dual with medium intensity white lights.

Supplemental notice is required ~~at least 10 days before the start of construction~~ within five days after construction reaches its greatest height (use the enclosed FAA form).

This determination expires on 06/08/99 unless application is made, (if subject to the licensing authority of the Federal Communications Commission), to the FCC before that date, or it is otherwise extended, revised or terminated.

If the structure is subject to the licensing authority of the FCC, a copy of this acknowledgement will be sent to that agency.

NOTICE IS REQUIRED ANYTIME THE PROJECT IS ABANDONED OR THE PROPOSAL IS MODIFIED

SIGNED *Mary Z. Mc Burney* Specialist, Airspace Branch.
Mary Z. Mc Burney (404) 305-~~5585~~. 5583
ISSUED IN: College Park, Georgia ON 12/07/98

Page 2 of 2

Frequency Band	Effective Radiated Power
33-54 MHz	100 Watts
72-73 MHz	100 Watts
144-162 MHz	250 Watts
220-222 MHz	100 Watts
450-502 MHz	250 Watts
806-880 MHz	250 Watts
890-960 MHz	500 Watts
1,500 MHz	500 Watts
1,900-2,000 MHz	500 Watts
5,000-6,500 MHz	100 Watts
10,000-11,000 MHz	100 Watts
18,000 MHz	100 Watts
21,000 MHz	100 Watts
24,000 MHz	100 Watts
38,000 MHz	100 Watts

KENTUCKY TRANSPORTATION CABINET, DIVISION OF AERONAUTICS, 125 HOLMES STREET, FRANKFORT KY 40622 APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE	AERONAUTICAL STUDY NUMBER
--	---------------------------

1. NATURE OF PROPOSAL	2. DESCRIPTION OF STRUCTURE
------------------------------	------------------------------------

A. TYPE <input checked="" type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> ALTERATION	B. CLASS <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> TEMPORARY	C. WORK SCHEDULE BEGIN <u>02/03/1999</u> END <u>05/03/1999</u>
---	--	---

Antenna Tower
-see attached-

3A. APPLICANT - NAME, ADDRESS & TELEPHONE

Kristen Weide
Crown Communication Inc.
375 Southpointe Boulevard
Canonsburg, PA 15317
(724) 416-2247

B. REPRESENTATIVE OF APPLICANT - NAME, ADDRESS & TELEPHONE

4. LOCATION OF STRUCTURE	5. HEIGHT & ELEVATION
---------------------------------	----------------------------------

A. GEOGRAPHIC COORDINATES (NEAREST SECOND)	B. NEAREST KY CITY Livingston, KY	C. NEAREST KY AIRPORT LOZ: London-Corbin	A. SITE ELEVATION (ABOVE MEAN SEA LEVEL) ARPT.-Magee FL	01211
LATITUDE 37°14'13.91"	(1) DISTANCE TO 4B 4 statute miles	(1) DISTANCE TO RUNWAY 11.571 NM	B. HEIGHT OF STRUCTURE, INCLUDING APPURTENANCES AND LIGHTS (ABOVE GROUND LEVEL)	0375
LONGITUDE 84°13'43.83"	(2) DIRECTION TO 4B 6 degrees	(2) DIRECTION TO AIRPORT 140.97 degrees	C. OVERALL HEIGHT (AMSL) (A+B)	01586

6. OBSTRUCTION MARKING & LIGHTING	YES	NO
A. MARKED FOR THE PROTECTION OF AIR NAVIGATION (FLAGS, SPHERES, ETC.)		
B. OBSTRUCTION MARKED IN ACCORDANCE WITH 602KAR50:100 (FAA AC 70/7460-1J)	<input checked="" type="checkbox"/>	
C. OBSTRUCTION LIGHTED IN ACCORDANCE WITH 602KAR50:100 (FAA AC 70/7460-1J)	<input checked="" type="checkbox"/>	

7. HAS "NOTICE OF CONSTRUCTION OR ALTERATION" (FORM 7460-1) BEEN FILED WITH THE FEDERAL AVIATION ADMINISTRATION? IF SO, WHEN?

8. CERTIFICATION - I HEREBY CERTIFY THAT ALL THE ABOVE STATEMENTS MADE BY ME ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY Kristen Weide/Regulatory Coordinator DATE 11/03/1998
 NAME (PRINTED), SIGNATURE & TITLE

PENALTIES - PERSONS FAILING TO COMPLY WITH KENTUCKY REVISED STATUTES AND KENTUCKY AIRPORT ZONING COMMISSION ADMINISTRATIVE REGULATIONS ARE LIABLE FOR FINES OR IMPRISONMENT AS SET FORTH IN KRS 183.990(3). NON-COMPLIANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS MAY RESULT IN FURTHER PENALTIES.

COMMISSION ACTION	___ CHAIRMAN, KAZC (OR) ___ ADMINISTRATOR, KAZC
APPROVED ___ DISAPPROVED ___	DATE _____



ASTM TRANSACTION SCREEN

Livingston Site
10245 North US Hwy 25
East Bernstadt, Kentucky

Site No. 310KY
ATC Project No. 13000.8G20

November 30, 1998

Prepared For

Alvar, Inc.
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299

Prepared By

ATC Associates Inc.
2815 Watterson Trail
Louisville, Kentucky 40299
(502) 267-8355

VATC ASSOCIATES INC.

ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS

November 30, 1998

Mr. Ken Jessee
Alvar, Inc.
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299

RE: **ASTM Transaction Screen**
Livingston Site
Site Number: 310KY
10245 North US HWY 25
East Bernstadt, Kentucky
ATC Project Number 13000.8G20

Dear Mr. Jessee:

In accordance with the Crown Communications and Alvar, Inc. Scope of Services dated January 15, 1998, an American Society of Testing and Materials (ASTM) Transaction Screen (Standard E 1528-96) of the above referenced property (hereafter referred to as the "Site") was conducted by ATC Associates Inc. (ATC). The investigation included completion of a transaction screen questionnaire, a visual and physical inspection of the Site to the extent allowable by site conditions, a review of published governmental records related to potential on-site and off-site chemical and petroleum contamination, and a limited review of site history.

The purpose of the investigation was to determine whether evidence of *Recognized Environmental Conditions* exist on the Site or on adjacent properties which warrant further evaluation. *Recognized Environmental Conditions* are defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

Site Description

A site visit was conducted by Mr. John Watrous, ATC Staff Scientist, on November 21, 1998. The site consisted of a vacant parcel of land which is part of the surrounding farm. The site appeared to be located on a hilltop with steeply sloping sides. Surface water appears to flow south/southwest toward US Highway 25.

According to the Soil Survey of Laurel and Rockcastle Counties, Kentucky the soils on the site appear to be composed of Shelocta Silt Loam. These are deep, well drained soils that are formed mainly in loamy colluvium.



Visual evidence of Aboveground Storage Tanks (ASTs), Underground Storage Tanks (USTs), or other environmental concerns were not present at the time of the site visit. However, two 55-gallon drums were noted at the site. The drums reportedly contained fuel oil in the 1960s and have not been used since that time. ATC recommends the drums be removed and properly disposed.

Transaction Screen Questionnaire

The ASTM Transaction Screen, as presented in Attachment 2, was completed by Ms. Ethel Gabbard, site owner, and by Mr. John Watrous, Staff Scientist for ATC. Answers provided by Ms. Gabbard and answers provided by ATC following inspection of the Site identified no *Recognized Environmental Conditions* in relation to the Site or abutting properties.

Review of Published Governmental Records

ATC obtained a Real Estate Transaction Screen Report from VISTA Information Solutions, Inc. According to the Real Estate Transaction Screen Report, neither the site nor surrounding properties appear on any state or federal environmental databases.

Limited Historical Review

ATC contacted the East Bernstadt Fire Department to inquire whether the Site or any adjoining properties have historically been used for industrial use or any use likely to have led to contamination of the Site. ATC has received no response from the East Bernstadt Fire Department at this time. This information along with any recommendations will be forwarded as it becomes available.

Radon

ATC received a Radon Report from VISTA Information Solutions, Inc. for Laurel County Kentucky. According to the Radon Report, Laurel County had a mean radon level of 1.00 pCi/L and falls into Radon Zone 2. Radon Zone 2 comprises areas predicted to have an average indoor radon screening **potential** between 2 pCi/L and 4 pCi/L. Due to the predicted use of the site and the radon levels, radon is assumed to be a minimal concern to the site at this time.

Asbestos

The site is currently vacant and no debris piles were noted. Therefore, no suspect asbestos containing materials were noted on site.

Transaction Screen Findings and Recommendations

Based on the review of readily available published lists, files, and maps regarding environmental issues, none of the potential environmental issues researched appear to be a concern for the site at this time. Thus, the preparation of an Environmental Site Assessment does not appear to be

warranted at this time. However, ATC recommends the two 55-gallon drums be removed and properly disposed of.

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This Environmental Site Assessment Transaction Screen was performed in general accordance with ASTM E-1528 guidelines.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report is not a Phase I Environmental Site Assessment (ESA) and cannot be relied upon as a formal Phase I ESA document.

The work performed for this assessment and the data developed are intended as a description of available information at the dates and locations given. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated.

We appreciate the opportunity to be of service to Alvar, Inc. for this project and look forward to working with you on future projects. In the meantime, if you have any questions about information in this report or if we can be of further assistance, please do not hesitate to contact us.

Sincerely,

ATC Associates Inc.

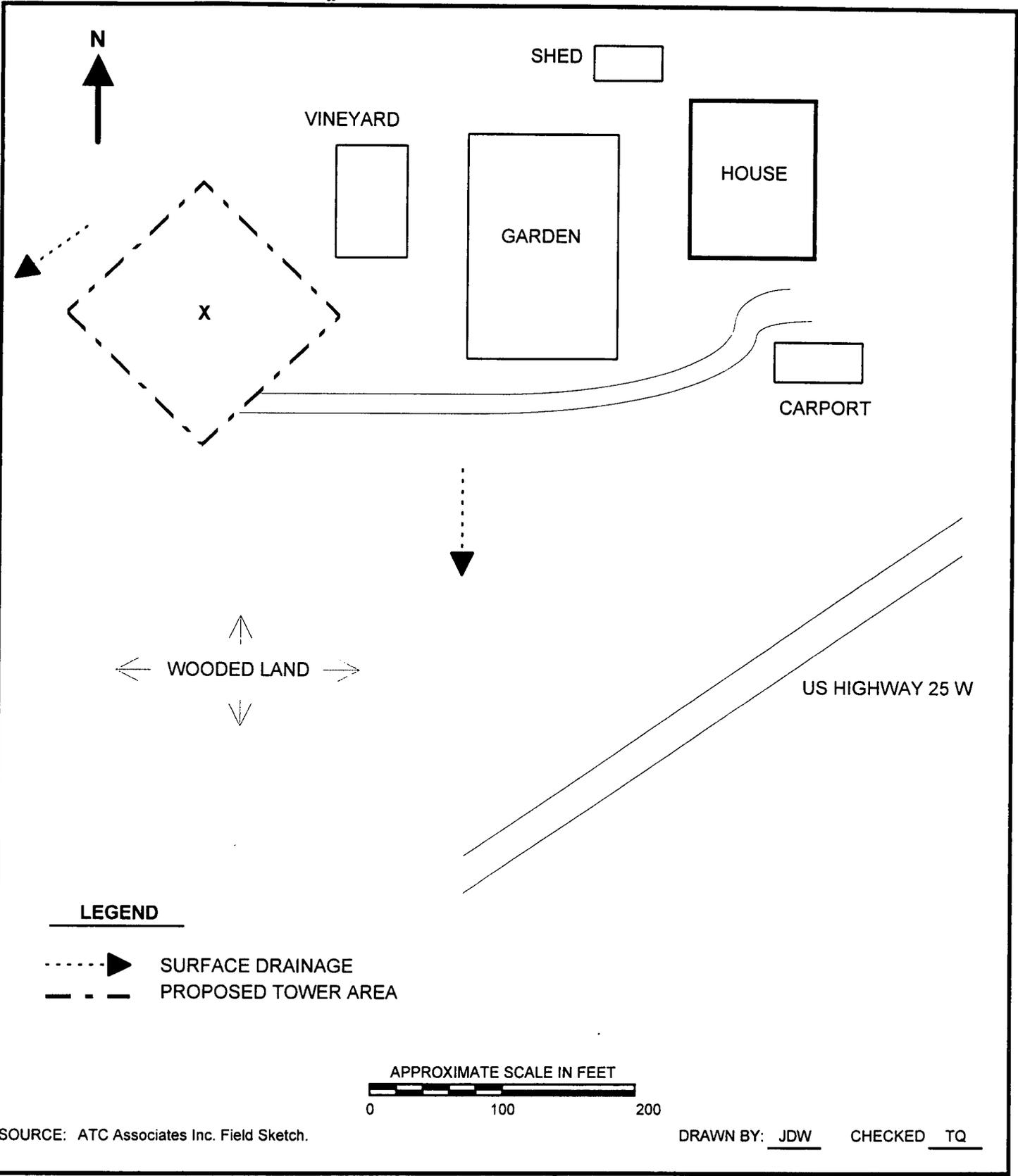


John Watrous
Staff Scientist



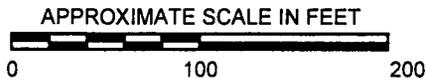
Timothy J. Quinn, P.G.
Environmental Division Manager

Attachments



LEGEND

- ▶ SURFACE DRAINAGE
- - - - PROPOSED TOWER AREA



SOURCE: ATC Associates Inc. Field Sketch.

DRAWN BY: JDW CHECKED TQ

SITE PLAN

LIVINGSTON SITE
 10245 NORTH US HIGHWAY 25 W
 EAST BERNSTADT, KENTUCKY 40729

PROJECT NUMBER
 13000.8G21

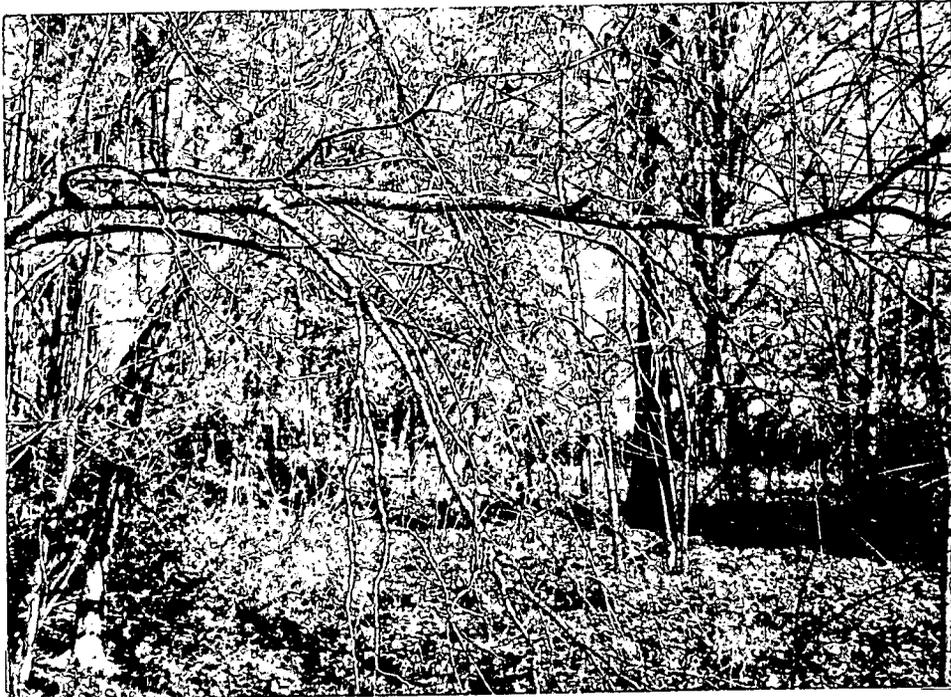
DATE: 11/30/98

FIGURE NUMBER
 1



ATTACHMENT I

Photographic Documentation



PHOTOGRAPH 1
NORTH FROM CENTER OF SITE



PHOTOGRAPH 2
SOUTH FROM CENTER OF SITE

PHOTOGRAPHIC DOCUMENTATION

LIVINGSTON SITE
10245 NORTH US HWY 25
EAST BERNSTADT, KENTUCKY

PROJECT NUMBER

13000.8G20

DATE: 11/24/98





PHOTOGRAPH 3
EAST FROM CENTER OF SITE



PHOTOGRAPH 4
WEST FROM CENTER OF SITE

PHOTOGRAPHIC DOCUMENTATION

LIVINGSTON SITE
10245 NORTH US HWY 25
EAST BERNSTADT, KENTUCKY

PROJECT NUMBER

13000.8G20

DATE: 11/24/98



ATTACHMENT II

ASTM E-1528-96

Transaction Screen Questionnaire

Question	Owner			Occupants (if applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
1. Is the property used for an industrial use?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment facility?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
4. To the best of your knowledge has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than gal. (19L) in the aggregate, stored on or used at the property or at the facility?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal. (208L) or sacks of chemicals located on the property or at the facility?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
8. Are there currently, or to the best of your knowledge has there been previously, any pits, ponds, or lagoons located on the property in connection with waste water treatment or waste disposal?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
9. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
10. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
11. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
12. Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
13. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
15. Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk

16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

Yes No Unk Yes No Unk Yes No Unk

17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by an owner or occupant of the property?

Yes No Unk Yes No Unk Yes No Unk

18. Does the property discharge waste water on or adjacent to the property other than storm water into a sanitary sewer system?

Yes No Unk Yes No Unk Yes No Unk

19. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property?

Yes No Unk Yes No Unk Yes No Unk

20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCB's?

Yes No Unk Yes No Unk Yes No Unk

This questionnaire was completed by:

Name ETHEL C. GABBARD

Title OWNER

Firm N/A

Address 10245 North U.S. Hwy 25 W - EAST BERNSTADT, KY 40729

Phone Number (606) 843-6288 Date 11/21/98

If the preparer is different than the user, complete the following:

Name of user _____

User's Address _____

User's Phone Number _____

Preparer's relationship to site _____

Preparer's relationship to user (example: principal, employee, agent, consultant) _____

Copies of the completed questionnaire have been filed at:

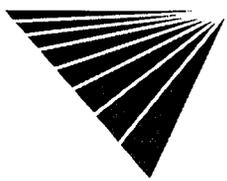
Copies of the completed questionnaire have been mailed or delivered to:

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

Ethel C. Gabbard
Signature Date

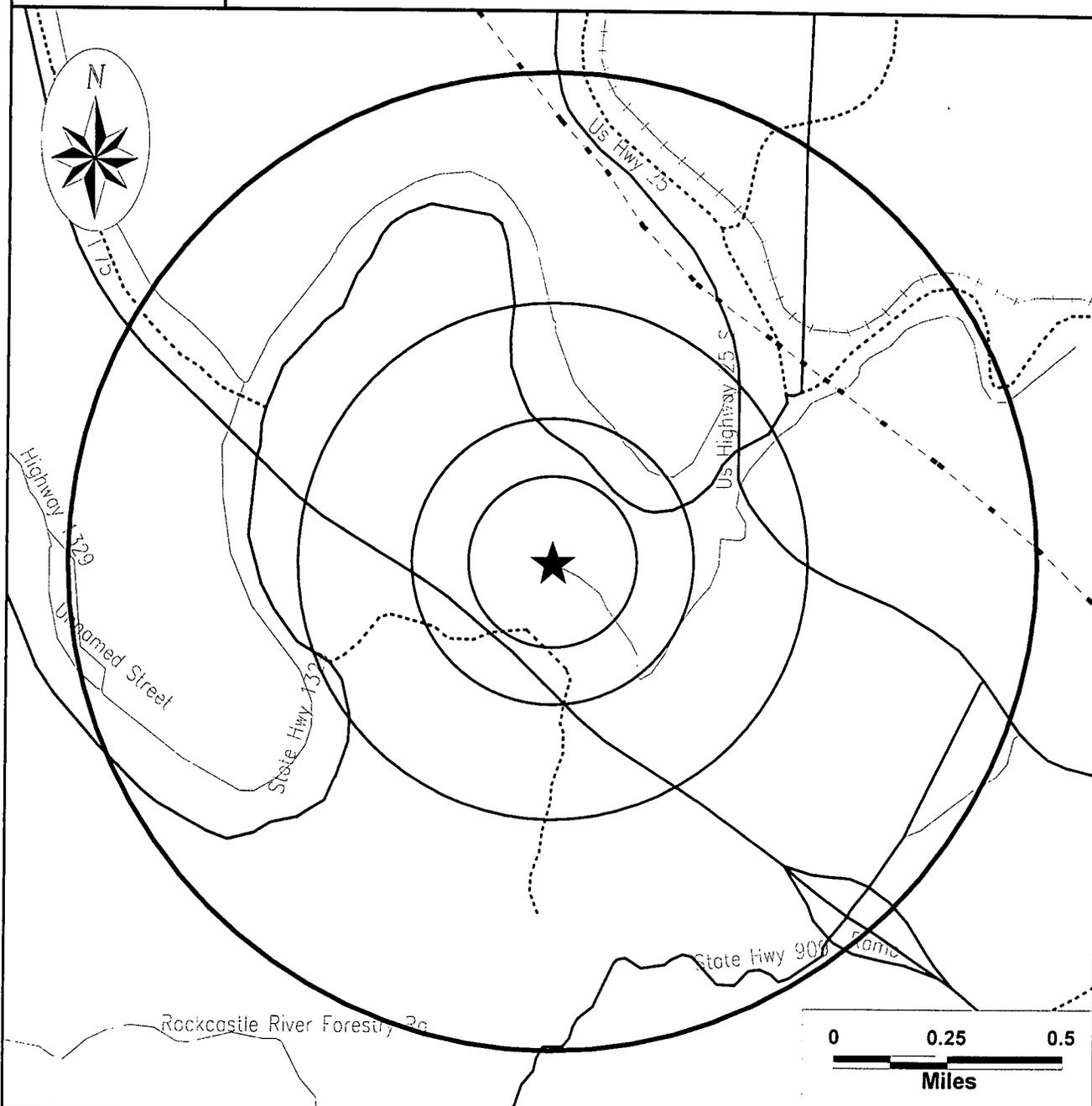
[Signature]
Signature Date 11/30/98

Signature Date



REAL ESTATE TRANSACTION SCREEN REPORT I

Map of Sites within One Mile



Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
	Highways and Major Roads	NPL, SPL, CORRACTS (TSD)	CERCLIS/ NFRAP, TSD, LUST, SWLF, SCL	UST	ERNS, GENERATORS
	Roads				
	Railroads				
	Rivers or Water Bodies				
	Utilities				

For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403
Report ID: 130008G20

Date of Report: November 24, 1998

REAL ESTATE TRANSACTION SCREEN REPORT I

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 5074

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for NPL was August, 1998.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

CORRACTS
SRC#: 4467

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 4941

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was June, 1998.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List(NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.

NFRAP
SRC#: 4942

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS-NFRAP was June, 1998.

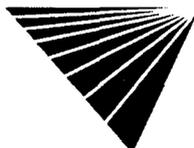
NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SCL
SRC#: 5175

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for State Leads List (Branch Time Accountability) was May, 1998.

This database is provided by the Department of Environmental Protection. The agency may be contacted at: 502-564-6716.

The Kentucky State Leads List is an inventory of potential hazardous substance and waste disposal sites located within the state. In addition, Kentucky uses the U.S. EPA CERCLIS database as an additional source of known or potentially contaminated sites in the State, and for the purpose of tracking sites to be investigated under the Preliminary Assessment/Site Investigation program for potential Superfund listing.



**RCRA-TSD
SRC#: 4467**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

**SWLF
SRC#: 4854**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Active Solid Waste Disposal Facilities was April, 1998.

This database is provided by the Natural Resources Environmental Protection Division of Waste Management. The agency may be contacted at: 502-564-6716.

The Kentucky Active Landfill Facilities list does not provide a facility street address, city, or zip code.

**SWLF
SRC#: 4855**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Inactive Solid Waste Disposal Facilities was April, 1998.

This database is provided by the Natural Resources Environmental Protection Division of Waste Management. The agency may be contacted at: 502-564-6716.

C) DATABASES SEARCHED TO 1/4 MILE

**UST's
SRC#: 4772**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Underground Storage Tank Database was May, 1998.

This database is provided by the Department of Environmental Protection, Division of Waste Management-UST Section. The agency may be contacted at: 502-564-5174; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

D) DATABASES SEARCHED TO 1/8 MILE

**ERNS
SRC#: 4939**

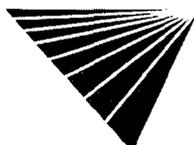
VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for was July, 1998.

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through January 1998 revealed information regarding reported spills of oil or hazardous substances in the stated area.

**RCRA-LgGen
SRC#: 4467**

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

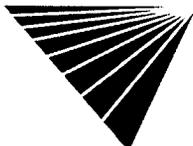


RCRA-SmGen
SRC#: 4467

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 130008G20

Date of Report: November 24, 1998

Version 2.6

Page #5

RADON Report

Date: November 24, 1998

The following indoor radon data are the results of the EPA/State Residential Radon Survey conducted during 1986-87. Data represent 2 - 7 day charcoal measurements from the lowest level of each home tested in the following county or city:

LAUREL

KY

No. of Meas.	Mean	GeoMean	Median	Std. Dev.	Max.	%>4pCi/L	%>20pCi/L
5	1.00	0.80	0.90	0.60	1.90	0	0

Zone

2

EPA describes the three potential RADON zones as follows:

Zone One areas have an average predicted indoor radon screening potential greater than 4 pCi/L.

Zone Two areas are predicted to have an average indoor radon screening potential between 2 pCi/L and 4 pCi/L.

Zone Three areas are predicted to have an average indoor radon screening potential less than 2 pCi/L.

Important Note:

The EPA has stated that although the above information may appear to be quite specific, it cannot be applied to determine the radon levels of a neighborhood, housing tract or individual house. **The only way to determine if a house or other building has elevated indoor radon is to test.**

www.vistainfo.com

VISTA Information Solutions, Inc.

San Diego, CA 92122

619/767-0403 Customer Service

619/450-6195 Fax

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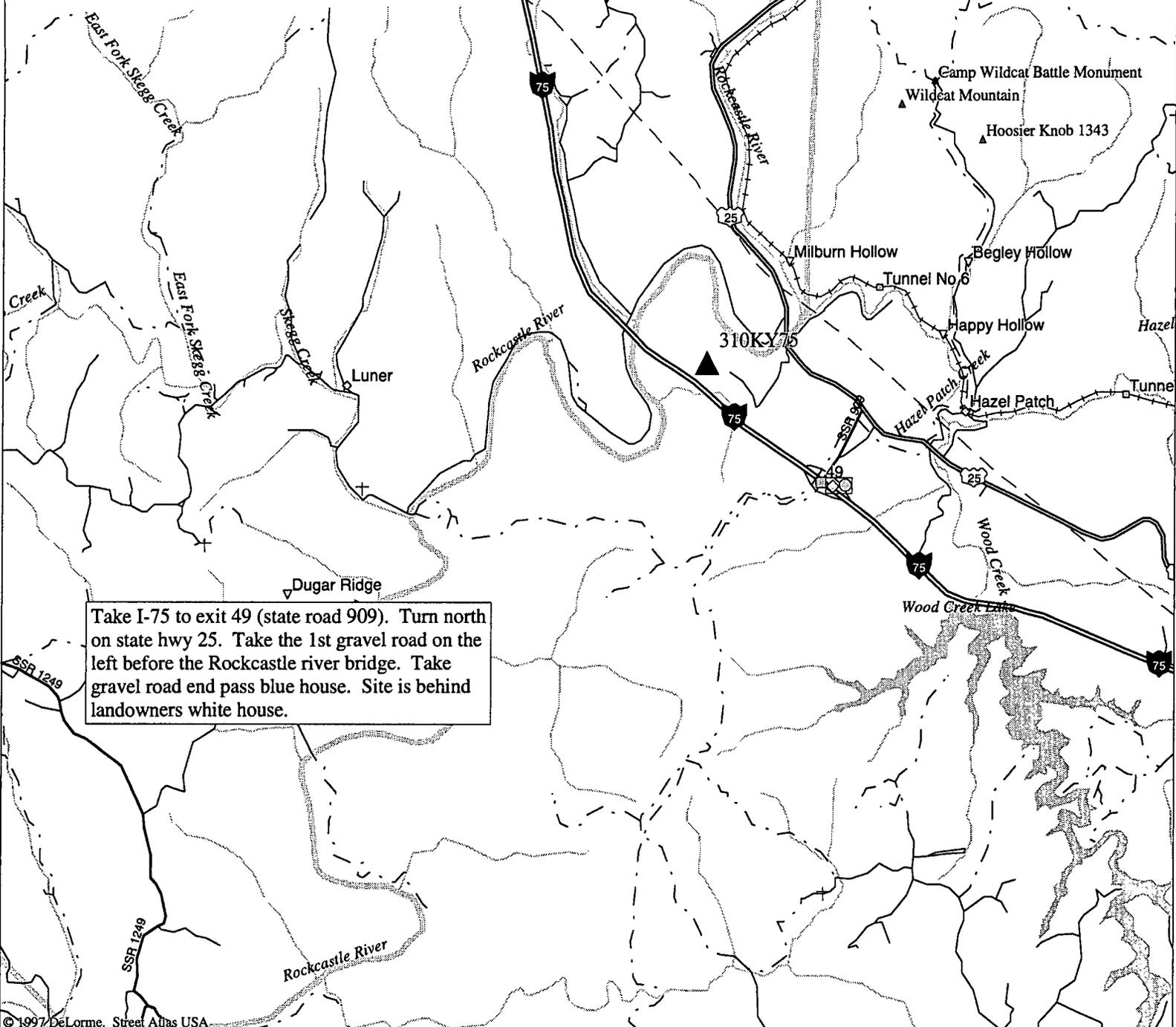
For more information call VISTA at 1 - 800 - 767 - 0403.



VISTA
INFORMATION SOLUTIONS, INC.

310KY75 (Livingston)

Exhibit J – Directions to WCF Site



Take I-75 to exit 49 (state road 909). Turn north on state hwy 25. Take the 1st gravel road on the left before the Rockcastle river bridge. Take gravel road end pass blue house. Site is behind landowners white house.

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Mag 13.00
 Wed Dec 02 18:16 1998
 Scale 1:62,500 (at center)

1 Miles
 2 KM

- | | | |
|-----------------------------|----------------------|--------------------------|
| — Local Road | ■ Exit | + Cemetery |
| — Major Connector | - - - Utility/Pipe | ▨ County Boundary |
| — State Route | + + + Railroad | ▨ Water |
| ◇ Exit/Lodging | ■ Point of Interest | — River/Canal |
| ● Exit/Food | ▲ Summit | - - - Intermittent River |
| - - - Trail | ▽ Geographic Feature | |
| — US Highway | ▲ Park/Reservation | |
| — Interstate/Limited Access | ◇ Locale | |

EXHIBIT K

MKT: KY
Site:K-5106-D

MEMORANDUM OF AGREEMENT

CLERK: Please return this document to: Nextel Communications, Inc.
Attention: Mr. Ried Zulager
1505 Farm Credit Drive
McLean, Virginia 22102

This Memorandum of Agreement is entered into on this 8TH day of JANUARY, 1998, by and between Nextel South Corp., a Georgia corporation, d/b/a Nextel Communications, ("Lessee"), and Ethel Gabbard, a widow ("Lessor").

1. Lessor and Lessee entered into a Communications Site Lease Agreement ("Agreement") on the 6 day of JANUARY 1998, for the purpose of installing, operating and maintaining a radio communications facility and other improvements. All of the foregoing are set forth in the Agreement.
2. The term of the Agreement shall be five (5) years commencing on the date Lessee begins construction or six (6) months from the date when Lessee executes the Agreement, whichever first occurs ("Commencement Date") and terminating on the fifth (5th) anniversary of the Commencement Date (the "Term") unless otherwise terminated as provided in the Agreement. Lessee shall have the right to extend the Term for five (5) successive five (5) year periods (the "Renewal Terms") on the same terms and conditions as set forth herein. The Agreement shall automatically be extended for each successive Renewal Term unless Lessee notifies Lessor of its intention not to renew prior to commencement of the succeeding Renewal Term. The above Commencement Date may be extended for an additional six (6) months by payment of \$500.00 by Lessee to Lessor within six (6) months of the execution of the Agreement and a second six (6) months extension may be obtained by payment of an additional \$500.00 by Lessee to Lessor within twelve (12) months of the execution of the Agreement. The Commencement Date may not be extended more than eighteen (18) months from the date of execution of the Agreement.
3. The Land which is the subject of the Agreement is described in Exhibit A annexed hereto. The portion of the Land being leased to Lessee (the "Premises") is described in Exhibit B annexed hereto.

EXHIBIT K, ADDENDUM

NEXTEL SITE # K-8106-D

Site # 310KY

Agreement for Tower Site Restoration

In the event that the easement is terminated, Grantee shall, within a twelve (12) month period, remove its buildings, tower and all above ground fixtures and restore the easement property to its original condition, reasonable wear and tear excepted.

Grantor

Ethel C. Gabbard Date: 1-21-99

ETHEL C. GABBARO
(Print Name)

Grantee

[Signature] Date: 1/22/99

Crown Communication Inc.

Exhibit O – Copies of Signs posted

Crown Communications and Nextel West Inc. propose to construct a

**TELECOMMUNICATIONS
TOWER**

on this site. If you have questions, please contact Aaron Johnson,
Crown Communication Inc. 11001 Bluegrass Parkway, Suite 330
Louisville, KY 40299, (502) 240-0044. or the Executive Director,
Public Service Commission, 730 Schenkel Lane, P.O. Box 615,
Frankfort, KY 40602.

Please refer to Docket #99-017 in your correspondence

Crown Communications and Nextel West Inc. propose to construct a

**TELECOMMUNICATIONS
TOWER**

near this site. If you have questions, please contact Aaron Johnson,
Crown Communication Inc. 11001 Bluegrass Parkway, Suite 330
Louisville, KY 40299, (502) 240-0044. or the Executive Director,
Public Service Commission, 730 Schenkel Lane, P.O. Box 615,
Frankfort, KY 40602.

Please refer to Docket #99-017 in your correspondence



Target Site Design Parameters				Search Area guidelines (for other than Target Site)			
1e:	Livington	Latitude:	37-14-09 N	ALLOWABLE RADIATION CENTER HEIGHT RANGE, AMSL			
J:	K-5106-00	Longitude:	84-13-30 W	MIN:	1479	MAX:	1529
t	Alabama	Ground Elev.:	1129 AMSL	Site Objectives: Cover I-75			
	Tennessee	Rad. Center:	350 ft.				
y.	Laurel	Correction Factor:	3 dB				
Map:	Burnstadt	Antenna:	FV60-15-00NA				
o Date:	4/29/97	Version:	11	Issuing Engineer:	Mustafa Rasexn	Date:	4/29/97